

Die Berechnung der B-Funktion im Bereiche $1 \leq p \leq 2, 1 \leq q \leq 2$

in Abständen von 0,5 an 0,5.

Für Berechnung dienen
die Beziehungen

$$B(p, q) = \frac{\Gamma(p) \Gamma(q)}{\Gamma(p+q)},$$

$$\Gamma(r) = (r-1) \cdot \Gamma(r-1),$$

und die Gaußsche Tafel der Γ -Funktion, ihre Logarithmen
und ihrer logarithmischen Ableitungen^F.

(„Werke“ 3. Bd. S. 123 ff. und S. 161 und 162.)

(1, 1) $B = 1,00000$

(1,05; 1) $\log \Gamma 1,05 = 0,98834 - 1$
 $\log 1,05 = 0,02119$
 $\log B = 0,99881 - 1$
4,5-08
 $B(1,05; 1) = 0,95238$

(1,05; 1,05)
 $\log 1,10 = 0,04139$
 $\log \Gamma 1,10 = 0,99834 - 1$
 $\log N = 0,01993$
 $2 \log \Gamma 1,05 = 0,99668 - 1$
 $\log N = 0,01993$
 $\log B = 0,95695 - 1$
1,4-0,25
 $B(1,05; 1,05) = 0,90563$

(1,10; 1) $\log 1,10 = 0,04139$
 $\log B = 0,95861 - 1$
 $B(1,10; 1) = 0,90910$

(1,10; 1,05)
 $\log 1,15 = 0,06090$
 $\log \Gamma 1,15 = 0,96990 - 1$
 $\log N = 0,03060$
 $\log \Gamma 1,05 = 0,98834 - 1$
 $\log \Gamma 1,10 = 0,99834 - 1$
 $\log Z = 0,96668 - 1$
 $\log N = 0,03060$
 $\log B = 0,93608 - 1$
2,5-04
 $B(1,10; 1,05) = 0,86314$

^F Serret. Schöpfung. Lehrbuch der Differential-
und Integralrechnung 4. u. 5. Auflage
II. Band S. 213 Artikel 505

(1,10; 1,10)

$$\log 1,20 = 0,09918$$

$$\log \Gamma 1,20 = 0,96292 - 1$$

$$\log N = 0,04210$$

$$2 \log \Gamma 1,10 = 0,95668 - 1$$

$$\log N = 0,04210$$

$$\log B = 0,91458 - 1$$

$$B(1,10; 1,10) = 0,82145$$

(1,15; 1)

$$\log 1,15 = 0,06070$$

$$\log B = 0,93930 - 1$$

$$B(1,15; 1) = 0,86956$$

(1,15; 1,05)

$$\log \Gamma 1,05 = 0,98834 - 1$$

$$\log \Gamma 1,15 = 0,96990 - 1$$

$$\log \Gamma = 0,95824 - 1$$

$$\log N = 0,04210$$

$$\log B = 0,91614 - 1$$

$$B(1,15; 1,05) = 0,82440$$

*log N ist näm.
bist oben schon
berechnet worden.
Diese Bemerkung
gilt auch für später*

(1,15; 1,10)

$$\log \Gamma 1,10 = 0,99834 - 1$$

$$\log \Gamma 1,15 = 0,96990 - 1$$

$$\log \Gamma = 0,94824 - 1$$

$$\log 1,25 = 0,09691$$

$$\log \Gamma 1,25 = 0,95732 - 1$$

$$\log N = 0,05423$$

$$\log \Gamma - \log N = 0,89401 - 1$$

$$B(1,15; 1,10) = 0,78345$$

(1,15; 1,15)

$$\log 1,30 = 0,11394$$

$$\log \Gamma 1,30 = 0,95302 - 1$$

$$\log N = 0,06696$$

$$2 \log \Gamma 1,15 = 0,93980 - 1$$

$$\log N = 0,06696$$

$$\log B = 0,87284 - 1$$

$$B(1,15; 1,15) = 0,74617$$

(1,20; 1,05)

$$\log 1,20 = 0,09918$$

$$\log B = 0,92082 - 1$$

$$B(1,20; 1,00) = 0,83334$$

(1,20; 1,05)

$$\log \Gamma 1,05 = 0,98834 - 1$$

$$\log \Gamma 1,20 = 0,96292 - 1$$

$$\log \Gamma = 0,95126 - 1$$

$$\log N = 0,05423$$

$$\log B = 0,89403 - 1$$

$$B(1,20; 1,05) = 0,78892$$

(1,20; 1,10)

$$\log \Gamma 1,10 = 0,99834 - 1$$

$$\log \Gamma 1,20 = 0,96292 - 1$$

$$\log \Gamma = 0,94126 - 1$$

$$\log N = 0,06696$$

$$\log B = 0,87430 - 1$$

$$B(1,20; 1,10) = 0,74867$$

(1,20; 1,15)

$$\log 135 = 0,13033$$

$$\log \Gamma 135 = 0,94995 - 1$$

$$\log N = 0,08028$$

$$\log \Gamma 115 = 0,96990 - 1$$

$$\log \Gamma 120 = 0,96292 - 1$$

$$\log Z = 0,93282 - 1$$

$$\log P = 0,08029$$

$$\log B = 0,85254 - 1$$

$$B(1,20; 1,15) = 0,71210$$

(1,20; 1,20)

$$\log 140 = 0,14613$$

$$\log \Gamma 140 = 0,94805 - 1$$

$$\log N = 0,09418$$

$$2 \cdot \log \Gamma 120 = 0,92584 - 1$$

$$\log N = 0,09418$$

$$\log B = 0,83166 - 1$$

$$B(1,20; 1,20) = 0,67867$$

(1,25; 1)

$$\log 125 = 0,09691$$

$$\log B = 0,90309 - 1$$

$$B(1,25; 1) = 0,80000$$

(1,25; 1,05)

$$\log \Gamma 105 = 0,98834 - 1$$

$$\log \Gamma 125 = 0,95732 - 1$$

$$\log Z = 0,94566 - 1$$

$$\log N = 0,06696$$

$$\log B = 0,87870 - 1$$

$$B(1,25; 1,05) = 0,75632$$

(1,25; 1,10)

$$\log \Gamma 110 = 0,97834 - 1$$

$$\log \Gamma 125 = 0,95732 - 1$$

$$\log Z = 0,93566 - 1$$

$$\log N = 0,08028$$

$$\log B = 0,85538 - 1$$

$$B(1,25; 1,10) = 0,71677$$

(1,25; 1,15)

$$\log \Gamma 115 = 0,96990 - 1$$

$$\log \Gamma 125 = 0,95732 - 1$$

$$\log Z = 0,92722 - 1$$

$$\log N = 0,09418$$

$$\log B = 0,83304 - 1$$

$$B(1,25; 1,15) = 0,68083$$

(1,25; 1,20)

$$\log 145 = 0,16137$$

$$\log \Gamma 145 = 0,94727 - 1$$

$$\log N = 0,10864$$

$$\log \Gamma 120 = 0,96292 - 1$$

$$\log \Gamma 125 = 0,95732 - 1$$

$$\log Z = 0,92024 - 1$$

$$\log N = 0,10864$$

$$\log B = 0,81160 - 1$$

$$B(1,25; 1,20) = 0,64803$$

(1,25; 1,25)

$$\log 150 = 0,17609$$

$$\log \Gamma 150 = 0,94754 - 1$$

$$\log N = 0,12363$$

$$2 \cdot \log \Gamma 125 = 0.91464 - 1$$

$$\log N = 0.12363$$

$$\log B = 0.79101 - 1$$

$$B(125; 125) = 0.61803$$

$$(130; 100)$$

$$\log 130 = 0.11394$$

$$\log B = 0.88606 - 1$$

$$B(130; 100) = 0.96923$$

$$(130; 105)$$

$$\log \Gamma 105 = 0.98834 - 1$$

$$\log \Gamma 130 = 0.95302 - 1$$

$$\log \mathcal{L} = 0.94136 - 1$$

$$\log N = 0.08028$$

$$\log B = 0.86108 - 1$$

$$B(130; 105) = 0.72623$$

$$(130; 110)$$

$$\log \Gamma 110 = 0.97834 - 1$$

$$\log \Gamma 130 = 0.95302 - 1$$

$$\log \mathcal{L} = 0.93136 - 1$$

$$\log N = 0.09418$$

$$\log B = 0.83918 - 1$$

$$B(130; 110) = 0.68445$$

$$(130; 115)$$

$$\log \Gamma 115 = 0.96990 - 1$$

$$\log \Gamma 130 = 0.95302 - 1$$

$$\log \mathcal{L} = 0.92292 - 1$$

$$\log N = 0.10864$$

$$\log B = 0.81428 - 1$$

$$B(130; 115) = 0.65205$$

$$(130; 120)$$

$$\log \Gamma 120 = 0.96292 - 1$$

$$\log \Gamma 130 = 0.95302 - 1$$

$$\log \mathcal{L} = 0.91594 - 1$$

$$\log N = 0.12363$$

$$\log B = 0.79231 - 1$$

$$B(130; 120) = 0.61989$$

$$(130; 125)$$

$$\log 155 = 0.19033$$

$$\log \Gamma 155 = 0.94884 - 1$$

$$\log V = 0.13917$$

$$\log \Gamma 125 = 0.95732 - 1$$

$$\log \Gamma 130 = 0.95302 - 1$$

$$\log \mathcal{L} = 0.91034 - 1$$

$$\log N = 0.13917$$

$$\log B = 0.79164 - 1$$

$$B(130; 125) = 0.59043$$

$$(130; 130)$$

$$\log 160 = 0.20412$$

$$\log \Gamma 160 = 0.95110 - 1$$

$$\log N = 0.15522$$

$$2 \cdot \log \Gamma 130 = 0.90604 - 1$$

$$\log N = 0.15522$$

$$\log B = 0.75082 - 1$$

$$B(130; 130) = 0.56340$$

$$(135; 100)$$

$$\log 135 = 0.13033$$

$$\log B = 0.86967 - 1$$

$$B(135; 100) = 0.74075$$

(135; 105)

$$\log 1105 = 0,98834 - 1$$

$$\log \Gamma 135 = 0,94995 - 1$$

$$\log \mathcal{L} = 0,93829 - 1$$

$$\log N = 0,09418$$

$$\log B = 0,84411 - 1$$

$$B(135; 105) = 0,69841$$

(135; 110)

$$\log \Gamma 110 = 0,97834 - 1$$

$$\log \Gamma 135 = 0,94995 - 1$$

$$\log \mathcal{L} = 0,92829 - 1$$

$$\log N = 0,18864$$

$$\log B = 0,81965 - 1$$

$$B(135; 110) = 0,66016$$

(135; 115)

$$\log \Gamma 115 = 0,96990 - 1$$

$$\log \Gamma 135 = 0,94995 - 1$$

$$\log \mathcal{L} = 0,91985 - 1$$

$$\log N = 0,12363$$

$$\log B = 0,79622 - 1$$

$$B(135; 115) = 0,62549$$

(135; 120)

$$\log \Gamma 120 = 0,96292 - 1$$

$$\log \Gamma 135 = 0,94995 - 1$$

$$\log \mathcal{L} = 0,91284 - 1$$

$$\log N = 0,13919$$

$$\log B = 0,77390 - 1$$

$$B(135; 120) = 0,59389$$

(135; 125)

$$\log 160 = 0,20412$$

$$\log \Gamma 160 = 0,95110 - 1$$

$$\log N = 0,15522$$

$$\log \Gamma 125 = 0,95432 - 1$$

$$\log \Gamma 135 = 0,94995 - 1$$

$$\log \mathcal{L} = 0,90427 - 1$$

$$\log N = 0,15522$$

$$\log B = 0,75205 - 1$$

$$B(135; 125) = 0,56500$$

(135; 130)

$$\log 165 = 0,21448$$

$$\log \Gamma 165 = 0,95430 - 1$$

$$\log N = 0,17178$$

$$\log \Gamma 130 = 0,95302 - 1$$

$$\log \Gamma 135 = 0,94995 - 1$$

$$\log \mathcal{L} = 0,90294 - 1$$

$$\log N = 0,17178$$

$$\log B = 0,73119 - 1$$

$$B(135; 130) = 0,53850$$

(135; 135)

$$\log 170 = 0,23045$$

$$\log \Gamma 170 = 0,95839 - 1$$

$$\log N = 0,18884$$

$$2 \cdot \log \Gamma 135 = 1,89990 - 1$$

$$\log N = 0,18884$$

$$\log B = 0,71106 - 1$$

$$B(135; 135) = 0,51411$$

(140; 100)

$$\log 140 = 0.14613$$

$$\log B = 0.85387 - 1$$

$$B(140; 100) = 0.71428$$

(140; 105)

$$\log \Gamma_{105} = 0.98834 - 1$$

$$\log \Gamma_{140} = 0.94805 - 1$$

$$\log \bar{X} = 0.93639 - 1$$

$$\log N = 0.10864$$

$$\log B = 0.82775 - 1$$

$$B(140; 105) = 0.67259$$

(140; 110)

$$\log \Gamma_{110} = 0.97834 - 1$$

$$\log \Gamma_{140} = 0.94805 - 1$$

$$\log \bar{X} = 0.92639 - 1$$

$$\log N = 0.12363$$

$$\log B = 0.80276 - 1$$

$$B(140; 110) = 0.63498$$

(140; 115)

$$\log \Gamma_{115} = 0.96990 - 1$$

$$\log \Gamma_{140} = 0.94805 - 1$$

$$\log \bar{X} = 0.94795 - 1$$

$$\log N = 0.13914$$

$$\log B = 0.77878 - 1$$

$$B(140; 115) = 0.60087$$

(140; 120)

$$\log \Gamma_{120} = 0.96292 - 1$$

$$\log \Gamma_{140} = 0.94805 - 1$$

$$\log \bar{X} = 0.91094 - 1$$

$$\log N = 0.15522$$

$$\log B = 0.75575 - 1$$

$$B(140; 120) = 0.56984$$

(140; 125)

$$\log \Gamma_{125} = 0.95432 - 1$$

$$\log \Gamma_{140} = 0.94805 - 1$$

$$\log \bar{X} = 0.90534 - 1$$

$$\log N = 0.14178$$

$$\log B = 0.73359 - 1$$

$$B(140; 125) = 0.54149$$

(140; 130)

$$\log \Gamma_{130} = 0.95302 - 1$$

$$\log \Gamma_{140} = 0.94805 - 1$$

$$\log \bar{X} = 0.90104 - 1$$

$$\log N = 0.18884$$

$$\log B = 0.71223 - 1$$

$$B(140; 130) = 0.51550$$

(140; 135)

$$\log 145 = 0.24304$$

$$\log \Gamma_{145} = 0.96335 - 1$$

$$\log N = 0.20639$$

$$\log \Gamma_{135} = 0.94995 - 1$$

$$\log \Gamma_{140} = 0.94805 - 1$$

$$\log \bar{X} = 0.89800 - 1$$

$$\log N = 0.20639$$

$$\log B = 0.69161 - 1$$

$$B(140; 135) = 0.49160$$

(140; 140)

$$\log 180 = 0.25524$$

$$\log \Gamma_{180} = 0.96913 - 1$$

$$\log N = 0.22440$$

$$2 \log \Gamma_{140} = 0.89610 - 1$$

$$\log N = 0.22440$$

$$\log B = 0.67170 - 1$$

$$B(140; 140) = 046957$$

$$(145; 100)$$

$$\log 145 = 016137$$

$$\log B = 08386 \begin{smallmatrix} 3-1 \\ 2.605 \end{smallmatrix}$$

$$B(145; 100) = 068965$$

$$(145; 105)$$

$$\log 105 = 098834 - 1$$

$$\log 145 = 094727 - 1$$

$$\log Z = 093561 - 1$$

$$\log N = 012363$$

$$\log B = 081198 - 1$$

$$B(145; 105) = 064860$$

$$(145; 110)$$

$$\log 110 = 097834 - 1$$

$$\log 145 = 094727 - 1$$

$$\log Z = 092561 - 1$$

$$\log N = 013917$$

$$\log B = 078644 \begin{smallmatrix} 4-1 \\ 4.7.457 \end{smallmatrix}$$

$$B(145; 110) = 061156$$

$$(145; 115)$$

$$\log 115 = 096990 - 1$$

$$\log 145 = 094727 - 1$$

$$\log Z = 091717 - 1$$

$$\log N = 015522$$

$$\log B = 07619 \begin{smallmatrix} 5-1 \\ 2.7.428 \end{smallmatrix}$$

$$B(145; 115) = 057803$$

$$(145; 120)$$

$$\log 120 = 096292 - 1$$

$$\log 145 = 094727 - 1$$

$$\log Z = 091019 - 1$$

$$\log N = 017178$$

$$\log B = 07384 \begin{smallmatrix} 1-1 \\ 3.8.437 \end{smallmatrix}$$

$$B(145; 120) = 054754$$

$$(145; 125)$$

$$\log 125 = 095732 - 1$$

$$\log 145 = 094727 - 1$$

$$\log Z = 090459 - 1$$

$$\log N = 018884$$

$$\log B = 071575 - 1$$

$$B(145; 125) = 051970$$

$$(145; 130)$$

$$\log 130 = 095302 - 1$$

$$\log 145 = 094727 - 1$$

$$\log Z = 090829 - 1$$

$$\log N = 020639$$

$$\log B = 069390 - 1$$

$$B(145; 130) = 049420$$

$$(145; 135)$$

$$\log 135 = 094995 - 1$$

$$\log 145 = 094727 - 1$$

$$\log Z = 089722 - 1$$

$$\log N = 022440 - 1$$

$$\log B = 06728 \begin{smallmatrix} 2-1 \\ 8.10.48 \end{smallmatrix}$$

$$B(145; 135) = 047078$$

$$(145; 140)$$

$$\log 140 = 094805 - 1$$

$$\log 145 = 094727 - 1$$

$$\log Z = 089532 - 1$$

$$\log N = 024288$$

$$\log B = 065244 - 1$$

$$B(145; 140) = 044920$$

(145; 145)

$$\log 190 = 0.27895$$

$$\log \Gamma 190 = 0.98307 - 1$$

$$\log N = 0.26182$$

$$2 \cdot \log \Gamma 145 = 0.89454 - 1$$

$$\log N = 0.26182$$

$$\log B = 0.63272 - 1$$

$$B(145; 145) = 0.42926$$

(150; 100)

$$\log 150 = 0.17609$$

$$\log B = 0.82391 - 1$$

$$B(150; 100) = 0.66667$$

(150; 105)

$$\log \Gamma 105 = 0.98834 - 1$$

$$\log \Gamma 150 = 0.94754 - 1$$

$$\log \Gamma = 0.93588 - 1$$

$$\log N = 0.13917$$

$$\log B = 0.79671 - 1$$

$$B(150; 105) = 0.62620$$

(150; 110)

$$\log \Gamma 110 = 0.97834 - 1$$

$$\log \Gamma 150 = 0.94754 - 1$$

$$\log \Gamma = 0.92588 - 1$$

$$\log N = 0.15522$$

$$\log B = 0.77066 - 1$$

$$B(150; 110) = 0.58974$$

(150; 115)

$$\log \Gamma 115 = 0.96990 - 1$$

$$\log \Gamma 150 = 0.94754 - 1$$

$$\log \Gamma = 0.91744 - 1$$

$$\log N = 0.17178$$

$$\log B = 0.74566 - 1$$

4.8.95

$$B(150; 115) = 0.55675$$

(150; 120)

$$\log \Gamma 120 = 0.96292 - 1$$

$$\log \Gamma 150 = 0.94754 - 1$$

$$\log \Gamma = 0.91046 - 1$$

$$\log N = 0.18884$$

$$\log B = 0.72162 - 1$$

$$B(150; 120) = 0.52677$$

(150; 125)

$$\log \Gamma 125 = 0.95732 - 1$$

$$\log \Gamma 150 = 0.94754 - 1$$

$$\log \Gamma = 0.90486 - 1$$

$$\log N = 0.20639$$

$$\log B = 0.69847 - 1$$

$$B(150; 125) = 0.49942$$

(150; 130)

$$\log \Gamma 130 = 0.95302 - 1$$

$$\log \Gamma 150 = 0.94754 - 1$$

$$\log \Gamma = 0.90056 - 1$$

$$\log N = 0.22440$$

$$\log B = 0.67616 - 1$$

$$B(150; 130) = 0.47442$$

(150; 135)

$$\log \Gamma 135 = 0.94995 - 1$$

$$\log \Gamma 150 = 0.94754 - 1$$

$$\log \Gamma = 0.89749 - 1$$

$$\log N = 0.24288$$

$$\log B = 0.65461 - 1$$

$$B(150; 135) = 0.45145$$

5.10.95

(150; 140)

$$\log \Gamma_{140} = 0,94805 - 1$$

$$\log \Gamma_{150} = 0,94754 - 1$$

$$\log \Gamma = 0,89559 - 1$$

$$\log N = 0,26182$$

$$\log B = 0,63374 - 1$$

$$B(150; 140) = 0,43030$$

(150; 145)

$$\log 195 = 0,29003$$

$$\log \Gamma_{195} = 0,99117 - 1$$

$$\log \Gamma = 0,28120$$

$$\log \Gamma_{145} = 0,94724 - 1$$

$$\log \Gamma_{150} = 0,94754 - 1$$

$$\log \Gamma = 0,89481 - 1$$

$$\log N = 0,28120$$

$$\log B = 0,6136 \frac{1-1}{9,11-0,89}$$

$$B(150; 145) = 0,41078$$

(150; 150)

$$2 \cdot \log \Gamma_{150} = 0,89508 - 1$$

$$\log 2 = 0,30103$$

$$\log B = 0,59405 \frac{1-1}{10,11-0,90}$$

$$B(150; 150) = 0,39269$$

(155; 100)

$$\log 155 = 0,19033$$

$$\log B = 0,80967 \frac{1-1}{4,6-0,66}$$

$$B(155; 100) = 0,64517$$

(155; 105)

$$\log \Gamma_{105} = 0,98834 - 1$$

$$\log \Gamma_{155} = 0,94884 - 1$$

$$\log \Gamma = 0,93918 - 1$$

$$\log N = 0,15522$$

$$\log B = 0,7819 \frac{6-1}{6,7-0,85}$$

$$B(155; 105) = 0,60529$$

(155; 110)

$$\log \Gamma_{110} = 0,97834 - 1$$

$$\log \Gamma_{155} = 0,94884 - 1$$

$$\log \Gamma = 0,92718 - 1$$

$$\log N = 0,17178$$

$$\log B = 0,75548 \frac{8-1}{6,8-0,75}$$

$$B(155; 110) = 0,56938$$

(155; 115)

$$\log \Gamma_{115} = 0,96990 - 1$$

$$\log \Gamma_{155} = 0,94884 - 1$$

$$\log \Gamma = 0,91874$$

$$\log N = 0,18884$$

$$\log B = 0,72990 \frac{10-1}{11,8-0,12}$$

$$B(155; 115) = 0,53691$$

(155; 120)

$$\log \Gamma_{120} = 0,96292 - 1$$

$$\log \Gamma_{155} = 0,94884 - 1$$

$$\log \Gamma = 0,91176 - 1$$

$$\log N = 0,20639$$

$$\log B = 0,70537 \frac{1-1}{2,9-0,22}$$

$$B(155; 120) = 0,50742$$

(155; 125)

$$\log \Gamma_{125} = 0,95732 - 1$$

$$\log \Gamma_{155} = 0,94884 - 1$$

$$\log \Gamma = 0,90616 - 1$$

$$\log N = 0,22440$$

$$\log B = 0,6817 \frac{6-1}{7,7-0,77}$$

$$B(155; 125) = 0,48058$$

(155; 130)

$$\log \Gamma_{130} = 0,95302 - 1$$

$$\log \Gamma_{155} = 0,94884 - 1$$

$$\log \Gamma = 0,90186$$

$$\log \Gamma = 0,90186 - 1$$

$$\log N = 0,24288$$

$$\log B = 0,65898 - 1$$

$$B(155; 130) = 0,45602$$

$$(155; 135)$$

$$\log \Gamma_{135} = 0,94995 - 1$$

$$\log \Gamma_{155} = 0,94884 - 1$$

$$\log \Gamma = 0,89879 - 1$$

$$\log N = 0,26182$$

$$\log B = 0,63697 - 1$$

$$B(155; 135) = 0,43348$$

$$(155; 140)$$

$$\log \Gamma_{140} = 0,94805 - 1$$

$$\log \Gamma_{155} = 0,94884 - 1$$

$$\log \Gamma = 0,89689 - 1$$

$$\log N = 0,28120$$

$$\log B = 0,61569 - 1$$

$$B(155; 140) = 0,41275$$

$$(155; 145)$$

$$\log \Gamma_{145} = 0,94727 - 1$$

$$\log \Gamma_{155} = 0,94884 - 1$$

$$\log \Gamma = 0,89611 - 1$$

$$\log N = 0,30103$$

$$\log B = 0,59588 - 1$$

$$B(155; 145) = 0,39362$$

$$(155; 150)$$

$$\log \Gamma_{150} = 0,902119$$

$$\log \Gamma_{155} = 0,94884$$

$$\log \Gamma_{105} = 0,98834 - 1$$

$$\log N = 0,32128$$

$$\log \Gamma_{150} = 0,94754 - 1$$

$$\log \Gamma_{155} = 0,94884 - 1$$

$$\log \Gamma = 0,89638 - 1$$

$$\log N = 0,32128$$

$$\log B = 0,57510 - 1$$

$$B(155; 150) = 0,37593$$

$$(155; 155)$$

$$\log \Gamma_{110} = 0,04139$$

$$\log \Gamma_{110} = 0,32222$$

$$\log \Gamma_{110} = 0,97834 - 1$$

$$\log N = 0,34195$$

$$2 \log \Gamma_{155} = 0,89768 - 1$$

$$\log N = 0,34195$$

$$\log B = 0,53573 - 1$$

$$B(155; 155) = 0,35953$$

$$(160; 100)$$

$$\log \Gamma_{160} = 0,20412$$

$$\log B = 0,99588 - 1$$

$$B(160; 100) = 0,62500$$

$$(160; 105)$$

$$\log \Gamma_{105} = 0,98834 - 1$$

$$\log \Gamma_{160} = 0,95110 - 1$$

$$\log \Gamma = 0,93944 - 1$$

$$\log N = 0,17148$$

$$\log B = 0,76766 - 1$$

$$B(160; 105) = 0,58568$$

$$(160; 110)$$

$$\log \Gamma_{110} = 0,97834 - 1$$

$$\log \Gamma_{160} = 0,95110 - 1$$

$$\log \Gamma = 0,92944$$

$$\log N = 0,18884$$

$$\log B = 0,74060 - 1$$

$$B(160; 110) = 055030$$

$$\begin{aligned} (160; 115) \quad & \log \Gamma_{115} = 096990 - 1 \\ & \log \Gamma_{160} = 095110 - 1 \\ & \log \Gamma = 092100 - 1 \\ & \log N = 020639 \\ & \log B = 091461 - 1 \\ & \quad \quad \quad 3.8-0.37 \\ B(160; 115) &= 0518344 \end{aligned}$$

$$\begin{aligned} (160; 120) \quad & \log \Gamma_{120} = 096292 - 1 \\ & \log \Gamma_{160} = 095110 - 1 \\ & \log \Gamma = 091402 - 1 \\ & \log N = 022440 \\ & \log B = 068962 - 1 \\ & \quad \quad \quad 4.6-0.45 \\ B(160; 120) &= 048935 \end{aligned}$$

$$\begin{aligned} (160; 125) \quad & \log \Gamma_{125} = 095732 - 1 \\ & \log \Gamma_{160} = 095110 - 1 \\ & \log \Gamma = 090842 - 1 \\ & \log N = 024288 \\ & \log B = 066554 - 1 \\ & \quad \quad \quad 5.9-0.55 \\ B(160; 125) &= 046296 \end{aligned}$$

$$\begin{aligned} (160; 130) \quad & \log \Gamma_{130} = 095302 - 1 \\ & \log \Gamma_{160} = 095110 - 1 \\ & \log \Gamma = 090412 - 1 \\ & \log N = 026182 \\ & \log B = 064230 - 1 \\ & \quad \quad \quad 3.10-0.3 \\ B(160; 130) &= 043883 \end{aligned}$$

$$(160; 135) \quad \log \Gamma_{135} = 094995 - 1$$

$$\log \Gamma_{160} = 095110 - 1$$

$$\log \Gamma = 090105 - 1$$

$$\log N = 028120 -$$

$$\log B = 061985 - 1$$

3.11-0.27

$$B(160; 135) = 041613$$

$$(160; 140) \quad \log \Gamma_{140} = 094805 - 1$$

$$\log \Gamma_{160} = 095110 - 1$$

$$\log \Gamma = 089915 - 1$$

$$\log N = 030103$$

$$\log B = 059812 - 1$$

10.11-0.90

$$B(160; 140) = 039639$$

$$(160; 145) \quad \log \Gamma_{145} = 094727 - 1$$

$$\log \Gamma_{160} = 095110 - 1$$

$$\log \Gamma = 089837 - 1$$

$$\log N = 032128$$

$$\log B = 057709 - 1$$

6.12-0.45

$$B(160; 145) = 037765$$

$$(160; 150) \quad \log \Gamma_{150} = 094754 - 1$$

$$\log \Gamma_{160} = 095110 - 1$$

$$\log \Gamma = 089864 - 1$$

$$\log N = 034195$$

$$\log B = 055669 - 1$$

3.12-0.25

$$B(160; 150) = 036033$$

$$(160; 155) \quad \log \Gamma_{155} = 093244$$

$$\log \Gamma_{115} = 096990 - 1$$

$$\log \Gamma = 090105 - 1$$

$$\log N = 036304$$

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$$\log \Gamma_{155} = 0.94884 - 1$$

$$\log \Gamma_{160} = 0.95110 - 1$$

$$\log \mathcal{L} = 0.89994 - 1$$

$$\log \mathcal{N} = 0.36304$$

$$\log B = 0.53690 - 1$$

$$B(155; 160) = 0.34427$$

(160; 160)

$$\log 2.20 = 0.34242$$

$$\log 1.20 = 0.07918$$

$$\log \Gamma_{120} = 0.96292 - 1$$

$$\log \mathcal{N} = 0.38452$$

$$2 \log 160 = 0.90228 - 1$$

$$\log \mathcal{N} = 0.38452$$

$$\log B = 0.51768 - 1$$

$$B(160; 160) = 0.32937$$

(165; 160)

$$\log 165 = 0.21748$$

$$\log B = 0.78252 - 1$$

$$B(165; 160) = 0.60607$$

(165; 165)

$$\log \Gamma_{165} = 0.98834 - 1$$

$$\log \Gamma_{165} = 0.95430 - 1$$

$$\log \mathcal{L} = 0.94264 - 1$$

$$\log \mathcal{N} = 0.18884$$

$$\log B = 0.75380 - 1$$

$$B(165; 165) = 0.56729$$

(165; 110)

$$\log \Gamma_{110} = 0.97834 - 1$$

$$\log \Gamma_{165} = 0.95430 - 1$$

$$\log \mathcal{L} = 0.93264 - 1$$

$$\log \mathcal{N} = 0.20639$$

$$\log B = 0.12625 - 1$$

$$B(165; 110) = 0.53241$$

(165; 115)

$$\log \Gamma_{115} = 0.96990 - 1$$

$$\log \Gamma_{165} = 0.95430 - 1$$

$$\log \mathcal{L} = 0.92420 - 1$$

$$\log \mathcal{N} = 0.22740$$

$$\log B = 0.69980 - 1$$

$$B(165; 115) = 0.50096$$

(165; 120)

$$\log \Gamma_{120} = 0.96292 - 1$$

$$\log \Gamma_{165} = 0.95430 - 1$$

$$\log \mathcal{L} = 0.91722 - 1$$

$$\log \mathcal{N} = 0.24288$$

$$\log B = 0.67434 - 1$$

$$B(165; 120) = 0.47243$$

(165; 125)

$$\log \Gamma_{125} = 0.95732 - 1$$

$$\log \Gamma_{165} = 0.95430 - 1$$

$$\log \mathcal{L} = 0.91162 - 1$$

$$\log \mathcal{N} = 0.26182$$

$$\log B = 0.64980 - 1$$

$$B(165; 125) = 0.44648$$

(165; 130)

$$\log \Gamma_{130} = 0.95302 - 1$$

$$\log \Gamma_{165} = 0.95430 - 1$$

$$\log \mathcal{L} = 0.90732 - 1$$

$$\log \mathcal{N} = 0.28120$$

$$\log B = 0.62612 - 1$$

$$B(165; 130) = 0.42279$$

(165; 135)

$$\log \sqrt{135} = 0.94995 - 1$$

$$\log \sqrt{165} = 0.95430 - 1$$

$$\log \sqrt{1} = 0.90425 - 1$$

$$\log N = 0.30103$$

$$\log B = 0.60322 - 1$$

8.11.97

$$B(165; 135) = 0.40107$$

(165; 140)

$$\log \sqrt{140} = 0.94805 - 1$$

$$\log \sqrt{165} = 0.95430 - 1$$

$$\log \sqrt{1} = 0.90235 - 1$$

$$\log N = 0.32128 -$$

$$\log B = 0.58107 - 1$$

3.11.927

$$B(165; 140) = 0.38113$$

(165; 145)

$$\log \sqrt{145} = 0.94927 - 1$$

$$\log \sqrt{165} = 0.95430 - 1$$

$$\log \sqrt{1} = 0.90157 - 1$$

$$\log N = 0.34195$$

$$\log B = 0.55962 - 1$$

7.12.958

$$B(165; 145) = 0.36246$$

(165; 150)

$$\log \sqrt{150} = 0.94954 - 1$$

$$\log \sqrt{165} = 0.95430 - 1$$

$$\log \sqrt{1} = 0.90184 - 1$$

$$\log N = 0.36304$$

$$\log B = 0.53880 - 1$$

10.12.983

$$B(165; 150) = 0.34578$$

(165; 155)

$$\log \sqrt{155} = 0.94884 - 1$$

$$\log \sqrt{165} = 0.95430 - 1$$

$$\log \sqrt{1} = 0.90314 - 1$$

399

$$\log \sqrt{1} = 0.90314 - 1$$

$$\log N = 0.38452$$

$$\log B = 0.51862 - 1$$

1.11.978

$$B(165; 155) = 0.33008$$

(165; 160)

$$\log \sqrt{160} = 0.95218$$

$$\log \sqrt{125} = 0.09691$$

$$\log \sqrt{125} = 0.95732 - 1$$

$$\log N = 0.40641$$

$$\log \sqrt{160} = 0.95110 - 1$$

$$\log \sqrt{165} = 0.95430 - 1$$

$$\log \sqrt{1} = 0.90540 - 1$$

$$\log N = 0.40641$$

$$\log B = 0.49899 - 1$$

13.14.992

$$B(165; 160) = 0.31549$$

(165; 165)

$$\log \sqrt{160} = 0.36173$$

$$\log \sqrt{130} = 0.11394$$

$$\log \sqrt{130} = 0.95302 - 1$$

$$\log N = 0.42869$$

$$\log \sqrt{165} = 0.90860 - 1$$

$$\log N = 0.42869$$

$$\log B = 0.44991 - 1$$

5.15.933

$$B(165; 165) = 0.30193$$

(170; 100)

$$\log \sqrt{170} = 0.23045$$

$$\log B = 0.76955 - 1$$

2.7.928

$$B(170; 100) = 0.58823$$

(170; 105)

$$\log \Gamma_{105} = 0.98834 - 1$$

$$\log \Gamma_{170} = 0.95839 - 1$$

$$\log \mathcal{L} = 0.94673 - 1$$

$$\log N = 0.20639$$

$$\log B = 0.74034 - 1$$

$$B(170; 105) = 0.54998 \quad 6.8-9.15$$

(170; 110)

$$\log \Gamma_{110} = 0.97834 - 1$$

$$\log \Gamma_{170} = 0.95839 - 1$$

$$\log \mathcal{L} = 0.93673 - 1$$

$$\log N = 0.22440$$

$$\log B = 0.71233 - 1$$

$$B(170; 110) = 0.51562 \quad 2.9-4.22$$

(170; 115)

$$\log \Gamma_{115} = 0.96990 - 1$$

$$\log \Gamma_{170} = 0.95839 - 1$$

$$\log \mathcal{L} = 0.92829 - 1$$

$$\log N = 0.24288$$

$$\log B = 0.68541 - 1$$

$$B(170; 115) = 0.48463 \quad 3.9-4.33$$

(170; 120)

$$\log \Gamma_{120} = 0.96292 - 1$$

$$\log \Gamma_{170} = 0.95839 - 1$$

$$\log \mathcal{L} = 0.92131 - 1$$

$$\log N = 0.26182$$

$$\log B = 0.65949 - 1$$

$$B(170; 120) = 0.45655 \quad 5.10-9.5$$

(170; 125)

$$\log \Gamma_{125} = 0.95732 - 1$$

$$\log \Gamma_{170} = 0.95839 - 1$$

$$\log \mathcal{L} = 0.91541 - 1$$

$$\log N = 0.28120$$

$$\log B = 0.63451 - 1$$

3.10-9.3

$$B(170; 125) = 0.43103$$

(170; 130)

$$\log \Gamma_{130} = 0.95302 - 1$$

$$\log \Gamma_{170} = 0.95839 - 1$$

$$\log \mathcal{L} = 0.91141 - 1$$

$$\log N = 0.30103$$

$$\log B = 0.61038 - 1$$

4.11-9.36

$$B(170; 130) = 0.40774$$

(170; 135)

$$\log \Gamma_{135} = 0.94995 - 1$$

$$\log \Gamma_{170} = 0.95839 - 1$$

$$\log \mathcal{L} = 0.90834 - 1$$

$$\log N = 0.32128$$

$$\log B = 0.58706 - 1$$

2.11-9.18

$$B(170; 135) = 0.38642$$

(170; 140)

$$\log \Gamma_{140} = 0.94805 - 1$$

$$\log \Gamma_{170} = 0.95839 - 1$$

$$\log \mathcal{L} = 0.90644 - 1$$

$$\log N = 0.34195$$

$$\log B = 0.56449 - 1$$

6.12-9.5

$$B(170; 140) = 0.36685$$

(170; 145)

$$\log \Gamma_{145} = 0.94727 - 1$$

$$\log \Gamma_{170} = 0.95839 - 1$$

$$\log \mathcal{L} = 0.90566 - 1$$

$$\log N = 0.36304$$

$$\log B = 0.54262 - 1$$

4.12-9.33

$$B(170; 145) = 0.34883$$

(170; 150)

$$\log \sqrt{150} = 0.94754 - 1$$

$$\log \sqrt{170} = 0.95839 - 1$$

$$\log L = 0.90595 - 1$$

$$\log N = 0.38452$$

$$\log B = 0.52141 - 1$$

1.13.907

$$B(170; 150) = 0.32221$$

(170; 155)

$$\log \sqrt{155} = 0.94884 - 1$$

$$\log \sqrt{170} = 0.95839 - 1$$

$$\log L = 0.90723 - 1$$

$$\log N = 0.40641$$

$$\log B = 0.50082 - 1$$

3.13.923

$$B(170; 155) = 0.31682$$

(170; 160)

$$\log \sqrt{160} = 0.95110 - 1$$

$$\log \sqrt{170} = 0.95839 - 1$$

$$\log L = 0.90949 - 1$$

$$\log N = 0.42869$$

$$\log B = 0.48080 - 1$$

3.14.95

$$B(170; 160) = 0.30255$$

(170; 165)

$$\log \sqrt{165} = 0.95430 - 1$$

$$\log \sqrt{170} = 0.95839 - 1$$

$$\log L = 0.91269 - 1$$

$$\log N = 0.45135$$

$$\log B = 0.46134 - 1$$

14.15.99

$$B(170; 165) = 0.28929$$

(170; 170)

$$\log \sqrt{170} = 0.95839 - 1$$

$$\log \sqrt{170} = 0.95839 - 1$$

$$\log L = 0.90595 - 1$$

$$\log N = 0.41439$$

$$2 \cdot \log \sqrt{170} = 0.91678 - 1$$

$$\log N = 0.41439$$

$$\log B = 0.44239 - 1$$

7.16.94

$$B(170; 170) = 0.27694$$

(175; 100)

$$\log \sqrt{175} = 0.94304$$

$$\log B = 0.75696 - 1$$

2.8.925

$$B(175; 100) = 0.57143$$

(175; 105)

$$\log \sqrt{105} = 0.98834 - 1$$

$$\log \sqrt{175} = 0.96335 - 1$$

$$\log L = 0.95169 - 1$$

$$\log N = 0.22440 - 1$$

$$\log B = 0.72729 - 1$$

1.8.985

$$B(175; 105) = 0.53369$$

(175; 110)

$$\log \sqrt{110} = 0.97834 - 1$$

$$\log \sqrt{175} = 0.96335 - 1$$

$$\log L = 0.94169 - 1$$

$$\log N = 0.24288$$

$$\log B = 0.69881 - 1$$

1.8.942

$$B(175; 110) = 0.49981$$

(175; 115)

$$\log \sqrt{115} = 0.96990 - 1$$

$$\log \sqrt{175} = 0.96335 - 1$$

$$\log L = 0.93325 - 1$$

$$\log \bar{L} = 0.93325 - 1$$

$$\log N = 0.26182$$

$$\log B = 0.67143 - 1$$

$$B(175; 115) = 0.46928$$

$$(175; 120)$$

$$\log \bar{L} = 0.96292 - 1$$

$$\log \bar{L} = 0.96335 - 1$$

$$\log \bar{L} = 0.92627 - 1$$

$$\log N = 0.28120$$

$$\log B = 0.64507 - 1$$

$$B(175; 120) = 0.44164$$

$$(175; 125)$$

$$\log \bar{L} = 0.95732 - 1$$

$$\log \bar{L} = 0.96335 - 1$$

$$\log \bar{L} = 0.92067 - 1$$

$$\log N = 0.30103$$

$$\log B = 0.61964 - 1$$

$$B(175; 125) = 0.41652$$

$$(175; 130)$$

$$\log \bar{L} = 0.95302 - 1$$

$$\log \bar{L} = 0.96335 - 1$$

$$\log \bar{L} = 0.91637 - 1$$

$$\log N = 0.32128$$

$$\log B = 0.59509 - 1$$

$$B(175; 130) = 0.39363$$

$$(175; 135)$$

$$\log \bar{L} = 0.94995 - 1$$

$$\log \bar{L} = 0.96335 - 1$$

$$\log \bar{L} = 0.91330 - 1$$

$$\log N = 0.34195$$

$$\log B = 0.57135 - 1$$

$$B(175; 135) = 0.37269$$

$$(175; 140)$$

$$\log \bar{L} = 0.94805 - 1$$

$$\log \bar{L} = 0.96335 - 1$$

$$\log \bar{L} = 0.91140 - 1$$

$$\log N = 0.36304$$

$$\log B = 0.54836 - 1$$

$$B(175; 140) = 0.35348$$

$$(175; 145)$$

$$\log \bar{L} = 0.94727 - 1$$

$$\log \bar{L} = 0.96335 - 1$$

$$\log \bar{L} = 0.91062 - 1$$

$$\log N = 0.38452$$

$$\log B = 0.52610 - 1$$

$$B(175; 145) = 0.33582$$

$$(175; 150)$$

$$\log \bar{L} = 0.94754 - 1$$

$$\log \bar{L} = 0.96335 - 1$$

$$\log \bar{L} = 0.91089 - 1$$

$$\log N = 0.40641$$

$$\log B = 0.50448 - 1$$

$$B(175; 150) = 0.31951$$

$$(175; 155)$$

$$\log \bar{L} = 0.94884 - 1$$

$$\log \bar{L} = 0.96335 - 1$$

$$\log \bar{L} = 0.91219 - 1$$

$$\log N = 0.42869$$

$$\log B = 0.48350 - 1$$

$$B(175; 155) = 0.30444$$

$$(175; 160)$$

$$\log \bar{L} = 0.95110 - 1$$

$$\log \bar{L} = 0.96335 - 1$$

$$\log \bar{L} = 0.91445 - 1$$

$$\log L = 0.91445 - 1$$

$$\log N = 0.45135$$

$$\log B = 0.46310 - 1$$

10.15.966

$$B(175, 160) = 0.29047$$

$$(175, 165) \quad \log \Gamma_{165} = 0.95430 - 1$$

$$\log \Gamma_{175} = 0.96335 - 1$$

$$\log L = 0.91165 - 1$$

$$\log N = 0.44739$$

$$\log B = 0.44026 - 1$$

14.16.987

$$B(175, 165) = 0.21559$$

$$(175, 170) \quad \log 245 = 0.38917$$

$$\log 145 = 0.16137$$

$$\log \Gamma_{145} = 0.94727 - 1$$

$$\log N = 0.49781$$

$$\log \Gamma_{170} = 0.95839 - 1$$

$$\log \Gamma_{175} = 0.96335 - 1$$

$$\log L = 0.92174 - 1$$

$$\log N = 0.49781$$

$$\log B = 0.42393 - 1$$

3.16.978

$$B(175, 170) = 0.26542$$

$$(175, 175) \quad \log 250 = 0.39794$$

$$\log 150 = 0.17609$$

$$\log \Gamma_{150} = 0.94754 - 1$$

$$\log N = 0.52157$$

$$2 \cdot \log \Gamma_{175} = 0.92670 - 1$$

$$\log N = 0.52157$$

$$\log B = 0.40513 - 1$$

13.16.972

$$B(175, 175) = 0.25417$$

(180, 100)

$$\log 180 = 0.25527$$

$$\log B = 0.74473 - 1$$

5.8.96

$$B(180, 100) = 0.55556$$

(180, 105)

$$\log \Gamma_{105} = 0.98834 - 1$$

$$\log \Gamma_{180} = 0.96913 - 1$$

$$\log L = 0.95747 - 1$$

$$\log N = 0.24288$$

$$\log B = 0.71459 - 1$$

1.8.91

$$B(180, 105) = 0.51831$$

(180, 110)

$$\log \Gamma_{110} = 0.97834 - 1$$

$$\log \Gamma_{180} = 0.96913 - 1$$

$$\log L = 0.94747 - 1$$

$$\log N = 0.26182$$

$$\log B = 0.68565 - 1$$

$$B(180, 110) = 0.48490$$

(180, 115)

$$\log \Gamma_{115} = 0.96990 - 1$$

$$\log \Gamma_{180} = 0.96913 - 1$$

$$\log L = 0.93903 - 1$$

$$\log N = 0.28120$$

$$\log B = 0.65783 - 1$$

1.10

$$B(180, 115) = 0.45481$$

(180, 120)

$$\log \Gamma_{120} = 0.96292 - 1$$

$$\log \Gamma_{180} = 0.96913 - 1$$

$$\log L = 0.93205 - 1$$

$$\log N = 0.30103$$

$$\log B = 0.63102 - 1$$

8.10

$$B(180, 120) = 0.42758$$

(180, 125)

$$\log \Gamma_{125} = 0.95732 - 1$$

$$\log \Gamma_{180} = 0.96913 - 1$$

$$\log \mathcal{L} = 0.92645 - 1$$

$$\log N = 0.32128$$

$$\log B = 460517 - 1$$

8.11-0.8

$$B(180, 125) = 0.40282$$

(180, 130)

$$\log \Gamma_{130} = 0.95302 - 1$$

$$\log \Gamma_{180} = 0.96913 - 1$$

$$\log \mathcal{L} = 0.92213 - 1$$

$$\log N = 0.34195$$

$$\log B = 058020 - 1$$

7.11-0.6

$$B(180, 130) = 0.38096$$

(180, 135)

$$\log \Gamma_{135} = 0.94995 - 1$$

$$\log \Gamma_{180} = 0.96913 - 1$$

$$\log \mathcal{L} = 0.91908 - 1$$

$$\log N = 0.36304$$

$$\log B = 055604 - 1$$

10.12-0.8

$$B(180, 135) = 0.35978$$

(180, 140)

$$\log \Gamma_{140} = 0.94805 - 1$$

$$\log \Gamma_{180} = 0.96913 - 1$$

$$\log \mathcal{L} = 0.91718 - 1$$

$$\log N = 0.38452$$

$$\log B = 053266 - 1$$

9.12-0.25

$$B(180, 140) = 0.34093$$

(180, 145)

$$\log \Gamma_{145} = 0.94722 - 1$$

$$\log \Gamma_{180} = 0.96913 - 1$$

$$\log \mathcal{L} = 0.91640 - 1$$

$$\log \mathcal{L} = 0.91640 - 1$$

$$\log N = 0.40641$$

$$\log B = 050999 - 1$$

$$B(180, 145) = 0.32359$$

12.14-0.87

(180, 150)

$$\log \Gamma_{150} = 0.94754 - 1$$

$$\log \Gamma_{180} = 0.96913 - 1$$

$$\log \mathcal{L} = 0.91662 - 1$$

$$\log N = 0.42869$$

$$\log B = 048798 - 1$$

$$B(180, 150) = 0.30759$$

13.14-0.9

(180, 155)

$$\log \Gamma_{155} = 0.94884 - 1$$

$$\log \Gamma_{180} = 0.96913 - 1$$

$$\log \mathcal{L} = 0.91797 - 1$$

$$\log N = 0.45135$$

$$\log B = 046662 - 1$$

$$B(180, 155) = 0.29965$$

8.15-0.5

(180, 160)

$$\log \Gamma_{160} = 0.95110 - 1$$

$$\log \Gamma_{180} = 0.96913 - 1$$

$$\log \mathcal{L} = 0.92023 - 1$$

$$\log N = 0.44739$$

$$\log B = 044284 - 1$$

$$B(180, 160) = 0.27723$$

5.16-0.3

(180, 165)

$$\log \Gamma_{165} = 0.95430 - 1$$

$$\log \Gamma_{180} = 0.96913 - 1$$

$$\log \mathcal{L} = 0.92343 - 1$$

$$\log N = 0.49981$$

$$\log B = 042562 - 1$$

9.17-0.5

$$B(180; 165) = 0.26645$$

$$(180; 170) \quad \log \Gamma_{170} = 0.95839 - 1$$

$$\log \Gamma_{180} = 0.96913 - 1$$

$$\log L = 0.92452 - 1$$

$$\log N = 0.52154$$

$$\log B = 0.40595 - 1$$

$$B(180; 170) = 0.25465$$

$$(180; 175) \quad \log 2.55 = 0.40654$$

$$\log 1.55 = 0.19033$$

$$\log \Gamma_{155} = 0.94884 - 1$$

$$\log N = 0.54591$$

$$\log \Gamma_{175} = 0.96335 - 1$$

$$\log \Gamma_{180} = 0.96913 - 1$$

$$\log L = 0.93248 - 1$$

$$\log N = 0.54591$$

$$\log B = 0.38677 - 1$$

$$B(180; 175) = 0.24365$$

$$(180; 180) \quad \log 2.60 = 0.41497$$

$$\log 1.60 = 0.20412$$

$$\log \Gamma_{160} = 0.95110 - 1$$

$$\log N = 0.57019$$

$$2 \cdot \log \Gamma_{180} = 0.93826 - 1$$

$$\log N = 0.57019$$

$$\log B = 0.36807 - 1$$

$$B(180; 180) = 0.23338$$

$$(185; 100)$$

$$\log 185 = 0.26717$$

$$\log B = 0.73283 - 1$$

$$B(185; 100) = 0.54054$$

$$(185; 105)$$

$$\log \Gamma_{105} = 0.98834 - 1$$

$$\log \Gamma_{185} = 0.94591 - 1$$

$$\log L = 0.96405 - 1$$

$$\log N = 0.26182$$

$$\log B = 0.70223 - 1$$

$$B(185; 105) = 0.50277$$

$$(185; 110)$$

$$\log \Gamma_{110} = 0.99834 - 1$$

$$\log \Gamma_{185} = 0.94591 - 1$$

$$\log L = 0.95405 - 1$$

$$\log N = 0.28120$$

$$\log B = 0.69285 - 1$$

$$B(185; 110) = 0.47081$$

$$(185; 115)$$

$$\log \Gamma_{115} = 0.96990 - 1$$

$$\log \Gamma_{185} = 0.94591 - 1$$

$$\log L = 0.94561 - 1$$

$$\log N = 0.30103$$

$$\log B = 0.64458 - 1$$

$$B(185; 115) = 0.44114$$

$$(185; 120)$$

$$\log \Gamma_{120} = 0.96292 - 1$$

$$\log \Gamma_{185} = 0.94591 - 1$$

$$\log L = 0.93863 - 1$$

$$\log N = 0.32128$$

$$\log B = 0.61735 - 1$$

$$B(185; 120) = 0.41434$$

(185; 125)

$$\log \sqrt{125} = 0.95432 - 1$$

$$\log \sqrt{185} = 0.91571 - 1$$

$$\log \sqrt{Z} = 0.93303 - 1$$

$$\log N = 0.34195$$

$$\log B = 0.59108 - 1$$

2.12.416

$$B(185; 125) = 0.39002$$

(185; 130)

$$\log \sqrt{130} = 0.95302 - 1$$

$$\log \sqrt{185} = 0.91571 - 1$$

$$\log \sqrt{Z} = 0.92873 - 1$$

$$\log N = 0.36304$$

$$\log B = 0.56569 - 1$$

8.12.906

$$B(185; 130) = 0.36787$$

(185; 135)

$$\log \sqrt{135} = 0.94995 - 1$$

$$\log \sqrt{185} = 0.91571 - 1$$

$$\log \sqrt{Z} = 0.92566 - 1$$

$$\log N = 0.38452$$

$$\log B = 0.54114 - 1$$

6.12.95

$$B(185; 135) = 0.34765$$

(185; 140)

$$\log \sqrt{140} = 0.94805 - 1$$

$$\log \sqrt{185} = 0.91571 - 1$$

$$\log \sqrt{Z} = 0.92376 - 1$$

$$\log N = 0.40641$$

$$\log B = 0.51735 - 1$$

2.13.915

$$B(185; 140) = 0.32912$$

(185; 145)

$$\log \sqrt{145} = 0.94427 - 1$$

$$\log \sqrt{185} = 0.91571 - 1$$

$$\log \sqrt{Z} = 0.92298 - 1$$

$$\log \sqrt{Z} = 0.92298 - 1$$

$$\log N = 0.42869$$

$$\log B = 0.49429 - 1$$

$$B(185; 145) = 0.31210$$

(185; 150)

$$\log \sqrt{150} = 0.94754 - 1$$

$$\log \sqrt{185} = 0.91571 - 1$$

$$\log \sqrt{Z} = 0.92325 - 1$$

$$\log N = 0.45135$$

$$\log B = 0.47190 - 1$$

2.14.919

$$B(185; 150) = 0.29641$$

(185; 155)

$$\log \sqrt{155} = 0.94884 - 1$$

$$\log \sqrt{185} = 0.91571 - 1$$

$$\log \sqrt{Z} = 0.92455 - 1$$

$$\log N = 0.47739$$

$$\log B = 0.44716 - 1$$

$$B(185; 155) = 0.28000$$

(185; 160)

$$\log \sqrt{160} = 0.95110 - 1$$

$$\log \sqrt{185} = 0.91571 - 1$$

$$\log \sqrt{Z} = 0.92681 - 1$$

$$\log N = 0.49781$$

$$\log B = 0.42900 - 1$$

6.17.935

$$B(185; 160) = 0.26854$$

(185; 165)

$$\log \sqrt{165} = 0.95430 - 1$$

$$\log \sqrt{185} = 0.91571 - 1$$

$$\log \sqrt{Z} = 0.93007$$

$$\log N = 0.52157$$

$$\log B = 0.40844 - 1$$

3.17.917

$$B(185; 165) = 0.25612$$

(185; 170)

$$\log \sqrt{170} = 0.95839 - 1$$

$$\log \sqrt{185} = 0.97571 - 1$$

$$\log L = 0.93410 - 1$$

$$\log N = 0.54571$$

$$\log B = 0.38839 - 1$$

$$B(185; 170) = 0.24456$$

(185; 175)

$$\log \sqrt{175} = 0.96335 - 1$$

$$\log \sqrt{185} = 0.97571 - 1$$

$$\log L = 0.93906 - 1$$

$$\log N = 0.57019$$

$$\log B = 0.36887 - 1$$

$$B(185; 175) = 0.23382$$

(185; 180)

$$\log 2.65 = 0.42325$$

$$\log 1.65 = 0.21748$$

$$\log \sqrt{1.65} = 0.95430 - 1$$

$$\log N = 0.59503$$

$$\log \sqrt{180} = 0.96913 - 1$$

$$\log \sqrt{185} = 0.97571$$

$$\log L = 0.94484 - 1$$

$$\log N = 0.59503$$

$$\log B = 0.34981 - 1$$

$$B(185; 180) = 0.22377$$

(185; 185)

$$\log 2.70 = 0.43136$$

$$\log 1.70 = 0.23045$$

$$\log \sqrt{1.70} = 0.95839 - 1$$

$$\log N = 0.62020$$

407

$$2 \log \sqrt{185} = 0.95142 - 1$$

$$\log N = 0.62020$$

$$\log B = 0.33122 - 1$$

$$B(185; 185) = 0.21440$$

(190; 100)

$$\log 1.90 = 0.27875$$

$$\log B = 0.72125 - 1$$

$$B(190; 100) = 0.52632$$

(190; 105)

$$\log \sqrt{105} = 0.98834 - 1$$

$$\log \sqrt{190} = 0.98307 - 1$$

$$\log L = 0.94141 - 1$$

$$\log N = 0.28120$$

$$\log B = 0.69021 - 1$$

$$B(190; 105) = 0.49001$$

(190; 110)

$$\log \sqrt{110} = 0.94834 - 1$$

$$\log \sqrt{190} = 0.98307 - 1$$

$$\log L = 0.96141 - 1$$

$$\log N = 0.30103$$

$$\log B = 0.66038 - 1$$

$$B(190; 110) = 0.45749$$

(190; 115)

$$\log \sqrt{115} = 0.96990 - 1$$

$$\log \sqrt{190} = 0.98307 - 1$$

$$\log L = 0.95297 - 1$$

$$\log N = 0.32128$$

$$\log B = 0.63169 - 1$$

$$B(190; 115) = 0.42824$$

(190; 120)

$$\log \Gamma_{120} = 0.96292 - 1$$

$$\log \Gamma_{190} = 0.98307 - 1$$

$$\log L = 0.94599 - 1$$

$$\log N = 0.34195$$

$$\log B = 0.60404 - 1$$

3.41.027

$$B(190; 120) = 0.40183$$

(190; 125)

$$\log \Gamma_{125} = 0.95432 - 1$$

$$\log \Gamma_{190} = 0.98307 - 1$$

$$\log L = 0.94039 - 1$$

$$\log N = 0.36304$$

$$\log B = 0.57735 - 1$$

9.12.075

$$B(190; 125) = 0.37788$$

(190; 130)

$$\log \Gamma_{130} = 0.95302 - 1$$

$$\log \Gamma_{190} = 0.98307 - 1$$

$$\log L = 0.93609 - 1$$

$$\log N = 0.38452$$

$$\log B = 0.55157 - 1$$

$$B(190; 130) = 0.35610$$

(190; 135)

$$\log \Gamma_{135} = 0.94995 - 1$$

$$\log \Gamma_{190} = 0.98307 - 1$$

$$\log L = 0.93302 - 1$$

$$\log N = 0.40641$$

$$\log B = 0.52661 - 1$$

1.13.007

$$B(190; 135) = 0.33621$$

(190; 140)

$$\log \Gamma_{140} = 0.94805 - 1$$

$$\log \Gamma_{190} = 0.98307 - 1$$

$$\log L = 0.93112 - 1$$

$$\log L = 0.93112 - 1$$

$$\log N = 0.42869$$

$$\log B = 0.50243 - 1$$

$$B(190; 140) = 0.31800$$

(190; 145)

$$\log \Gamma_{145} = 0.94727 - 1$$

$$\log \Gamma_{190} = 0.98307$$

$$\log L = 0.93034$$

$$\log N = 0.45135$$

$$\log B = 0.47899 - 1$$

14.15.093

$$B(190; 145) = 0.30129$$

(190; 150)

$$\log \Gamma_{150} = 0.94754 - 1$$

$$\log \Gamma_{190} = 0.98307 - 1$$

$$\log L = 0.93061 - 1$$

$$\log N = 0.47739$$

$$\log B = 0.45322 - 1$$

5.15.033

$$B(190; 150) = 0.28393$$

(190; 155)

$$\log \Gamma_{155} = 0.94884 - 1$$

$$\log \Gamma_{190} = 0.98307 - 1$$

$$\log L = 0.93191 - 1$$

$$\log N = 0.49481$$

$$\log B = 0.43410 - 1$$

1.16.006

$$B(190; 155) = 0.27171$$

(190; 160)

$$\log \Gamma_{160} = 0.95110 - 1$$

$$\log \Gamma_{190} = 0.98307 - 1$$

$$\log L = 0.93419 - 1$$

$$\log N = 0.52157$$

$$\log B = 0.41260 - 1$$

14.17.08

$$B(190; 160) = 0.25358$$

(190; 165)

$$\log \sqrt{165} = 0.95430 - 1$$

$$\log \sqrt{190} = 0.98307 - 1$$

$$\log L = 0.93137 - 1$$

$$\log N = 0.54571$$

$$\log B = 0.39166 - 1$$

2.18.911

$$B(190; 165) = 0.24641$$

(190; 170)

$$\log \sqrt{170} = 0.95839 - 1$$

$$\log \sqrt{190} = 0.98307 - 1$$

$$\log L = 0.94146 - 1$$

$$\log N = 0.57019$$

$$\log B = 0.37127 - 1$$

2.19.91

$$B(190; 170) = 0.23511$$

(190; 175)

$$\log \sqrt{175} = 0.96335 - 1$$

$$\log \sqrt{190} = 0.98307 - 1$$

$$\log L = 0.94642 - 1$$

$$\log N = 0.59503$$

$$\log B = 0.35139 - 1$$

17.19.989

$$B(190; 175) = 0.22459$$

(190; 180)

$$\log \sqrt{180} = 0.96913 - 1$$

$$\log \sqrt{190} = 0.98307 - 1$$

$$\log L = 0.95220 - 1$$

$$\log N = 0.62020$$

$$\log B = 0.33200 - 1$$

17.20.955

$$B(190; 180) = 0.21479$$

(190; 185)

$$\log \sqrt{185} = 0.93933 - 1$$

$$\log \sqrt{175} = 0.94307$$

$$\log \sqrt{175} = 0.96335 - 1$$

$$\log N = 0.64572$$

$$\log \sqrt{185} = 0.97571 - 1$$

$$\log \sqrt{190} = 0.98307 - 1$$

$$\log L = 0.95878 - 1$$

$$\log N = 0.64572$$

$$\log B = 0.31306 - 1$$

4.21.919

$$B(190; 185) = 0.20562$$

(190; 190)

$$\log \sqrt{180} = 0.94716$$

$$\log \sqrt{180} = 0.25527$$

$$\log \sqrt{180} = 0.96913 - 1$$

$$\log N = 0.67156$$

$$2 \log \sqrt{190} = 0.96614 - 1$$

$$\log N = 0.67156$$

$$\log B = 0.29458 - 1$$

17.22.95

$$B(190; 190) = 0.19705$$

(195; 190)

$$\log \sqrt{195} = 0.29083$$

$$\log B = 0.70997 - 1$$

2.9.925

$$B(195; 190) = 0.51283$$

(195; 195)

$$\log \sqrt{195} = 0.98834 - 1$$

$$\log \sqrt{195} = 0.99117 - 1$$

$$\log L = 0.97951 - 1$$

$$\log N = 0.30103$$

$$\log B = 0.67848 - 1$$

5.9.955

$$B(195; 195) = 0.47696$$

(195; 110)

$$\log \Gamma_{110} = 0.99834 - 1$$

$$\log \Gamma_{195} = 0.99117 - 1$$

$$\log \bar{L} = 0.96951 - 1$$

$$\log N = 0.32128$$

$$\log B = 0.64823 - 1$$

7.10.97

$$B(195; 110) = 0.44487$$

(195; 115)

$$\log \Gamma_{115} = 0.96990 - 1$$

$$\log \Gamma_{195} = 0.99117 - 1$$

$$\log \bar{L} = 0.96107 - 1$$

$$\log N = 0.34195$$

$$\log B = 0.61912 - 1$$

5.11.927

$$B(195; 115) = 0.41603$$

(195; 120)

$$\log \Gamma_{120} = 0.96292 - 1$$

$$\log \Gamma_{195} = 0.99117 - 1$$

$$\log \bar{L} = 0.95409 - 1$$

$$\log N = 0.36304$$

$$\log B = 0.59105 - 1$$

10.11.99

$$B(195; 120) = 0.38999$$

(195; 125)

$$\log \Gamma_{125} = 0.95732 - 1$$

$$\log \Gamma_{195} = 0.99117 - 1$$

$$\log \bar{L} = 0.94849 - 1$$

$$\log N = 0.38452$$

$$\log B = 0.56397 - 1$$

2.11.909

$$B(195; 125) = 0.36641$$

(195; 130)

$$\log \Gamma_{130} = 0.95302$$

$$\log \Gamma_{195} = 0.99117 - 1$$

$$\log \bar{L} = 0.94419 - 1$$

$$\log \bar{L} = 0.94419 - 1$$

$$\log N = 0.40641$$

$$\log B = 0.53778 - 1$$

9.13.969

$$B(195; 130) = 0.34487$$

(195; 135)

$$\log \Gamma_{135} = 0.94995 - 1$$

$$\log \Gamma_{195} = 0.99117 - 1$$

$$\log \bar{L} = 0.94112 - 1$$

$$\log N = 0.42869$$

$$\log B = 0.51243 - 1$$

1.13.907

$$B(195; 135) = 0.32541$$

(195; 140)

$$\log \Gamma_{140} = 0.94805 - 1$$

$$\log \Gamma_{195} = 0.99117 - 1$$

$$\log \bar{L} = 0.93922 - 1$$

$$\log N = 0.45135$$

$$\log B = 0.48784 - 1$$

2.11.01

$$B(195; 140) = 0.30751$$

(195; 145)

$$\log \Gamma_{145} = 0.94427 - 1$$

$$\log \Gamma_{195} = 0.99117 - 1$$

$$\log \bar{L} = 0.93844 - 1$$

$$\log N = 0.47439$$

$$\log B = 0.46105 - 1$$

$$B(195; 145) = 0.28910$$

(195; 150)

$$\log \Gamma_{150} = 0.94754 - 1$$

$$\log \Gamma_{195} = 0.99117 - 1$$

$$\log \bar{L} = 0.93841 - 1$$

$$\log N = 0.49781$$

$$\log B = 0.44090 - 1$$

15.16.99

$$B(195; 150) = 0.27599$$

(195; 155)

$$\log \Gamma_{155} = 0.94884 - 1$$

$$\log \Gamma_{195} = 0.99117 - 1$$

$$\log \Gamma = 0.94001 - 1$$

$$\log N = 0.52157$$

$$\log B = 0.41844 - 1$$

14.77-0.8

$$B(195; 155) = 0.26208$$

(195; 160)

$$\log \Gamma_{160} = 0.95110 - 1$$

$$\log \Gamma_{195} = 0.99117 - 1$$

$$\log \Gamma = 0.94227 - 1$$

$$\log N = 0.54571$$

$$\log B = 0.39656 - 1$$

11.77-0.05

$$B(195; 160) = 0.24921$$

(195; 165)

$$\log \Gamma_{165} = 0.95430 - 1$$

$$\log \Gamma_{195} = 0.99117 - 1$$

$$\log \Gamma = 0.94547 - 1$$

$$\log N = 0.54019$$

$$\log B = 0.37528 - 1$$

17.19-0.89

$$B(195; 165) = 0.23729$$

(195; 170)

$$\log \Gamma_{170} = 0.95839 - 1$$

$$\log \Gamma_{195} = 0.99117 - 1$$

$$\log \Gamma = 0.94956 - 1$$

$$\log N = 0.59503$$

$$\log B = 0.35453 - 1$$

4.19-0.2

$$B(195; 170) = 0.22622$$

(195; 175)

$$\log \Gamma_{175} = 0.96335 - 1$$

$$\log \Gamma_{195} = 0.99117 - 1$$

$$\log \Gamma = 0.95452 - 1$$

427

$$\log \Gamma = 0.95452 - 1$$

$$\log N = 0.62020$$

$$\log B = 0.33432 - 1$$

7.20-0.35

$$B(195; 175) = 0.21594$$

(195; 180)

$$\log \Gamma_{180} = 0.96913 - 1$$

$$\log \Gamma_{195} = 0.99117 - 1$$

$$\log \Gamma = 0.96030 - 1$$

$$\log N = 0.64572$$

$$\log B = 0.31458 - 1$$

8.21-0.39

$$B(195; 180) = 0.20634$$

(195; 185)

$$\log \Gamma_{185} = 0.97571 - 1$$

$$\log \Gamma_{195} = 0.99117 - 1$$

$$\log \Gamma = 0.96688 - 1$$

$$\log N = 0.67156$$

$$\log B = 0.29532 - 1$$

10.22-0.46

$$B(195; 185) = 0.19739$$

(195; 190)

$$\log \Gamma_{190} = 0.98484 - 1$$

$$\log \Gamma_{185} = 0.97571 - 1$$

$$\log \Gamma_{195} = 0.99117 - 1$$

$$\log \Gamma = 0.97772 - 1$$

$$\log N = 0.69772$$

$$\log B = 0.27652 - 1$$

6.23-0.26

$$\log \Gamma = 0.97424 - 1$$

$$\log N = 0.69772$$

$$\log B = 0.27652 - 1$$

6.23-0.26

$$B(195; 190) = 0.18903$$

(195, 195)

$$\log 2.90 = 0.46240$$

$$\log 1.90 = 0.27875$$

$$\log \Gamma_{1.90} = 0.98307-1$$

$$\log N = 0.72422$$

$$2 \cdot \log \Gamma_{1.95} = 0.98234-1$$

$$\log N = 0.72422$$

$$\log B = 0.25812-1$$

20.24.483

$$B(195, 195) = 0.18118$$

(200, 100)

$$\log 2.00 = 0.30103$$

$$\log B = 0.69897-1$$

$$B(200, 100) = 0.50000$$

(200, 105)

$$\log \Gamma_{1.05} = 0.98834-1$$

$$\log N = 0.32128$$

$$\log B = 0.66706-1$$

7.9.477

$$B(200, 105) = 0.46458$$

(200, 110)

$$\log \Gamma_{1.10} = 0.97834-1$$

$$\log N = 0.34195$$

$$\log B = 0.63639-1$$

$$B(200, 110) = 0.43290$$

(200, 115)

$$\log \Gamma_{1.15} = 0.96990-1$$

$$\log N = 0.36304$$

$$\log B = 0.60686-1$$

$$B(200, 115) = 0.40446$$

(200, 120)

$$\log \Gamma_{1.20} = 0.96222-1$$

$$\log N = 0.38452$$

$$\log B = 0.57840-1$$

10.11.990

$$B(200, 120) = 0.37879$$

(200, 125)

$$\log \Gamma_{1.25} = 0.95732-1$$

$$\log N = 0.40644$$

$$\log B = 0.55091-1$$

7.12.458

$$B(200, 125) = 0.35556$$

(200, 130)

$$\log \Gamma_{1.30} = 0.95302-1$$

$$\log N = 0.42869$$

$$\log B = 0.52433-1$$

6.13.446

$$B(200, 130) = 0.33445$$

(200, 135)

$$\log \Gamma_{1.35} = 0.94995-1$$

$$\log N = 0.45135$$

$$\log B = 0.49860-1$$

1.13.407

$$B(200, 135) = 0.31527$$

(200, 140)

$$\log \Gamma_{1.40} = 0.94805-1$$

$$\log N = 0.47139$$

$$\log B = 0.47066-1$$

10.14.47

$$B(200, 140) = 0.29557$$

(200, 145)

$$\log \Gamma_{1.45} = 0.94727-1$$

$$\log N = 0.49781$$

$$\log B = 0.44946-1$$

14.16.487

$$B(200, 145) = 0.28149$$

(200, 150)

$$\log \Gamma_{1.50} = 0.94754-1$$

$$\log N = 0.52157$$

$$\log B = 0.42597-1$$

17.16.468

$$B(200, 150) = 0.26667$$

2

(200; 155)

$$\log \sqrt{155} = 0.94884 - 1$$

$$\log N = 0.54591$$

$$\log B = 0.40313 - 1$$

1.17-0.05

$$B(200; 155) = 0.25301$$

(200; 160)

$$\log \sqrt{160} = 0.95110 - 1$$

$$\log N = 0.57019$$

$$\log B = 0.38091 - 1$$

16.18-0.89

$$B(200; 160) = 0.24039$$

(200; 165)

$$\log \sqrt{165} = 0.95430 - 1$$

$$\log N = 0.59503$$

$$\log B = 0.35927 - 1$$

$$B(200; 165) = 0.22870$$

(200; 170)

$$\log \sqrt{170} = 0.95839 - 1$$

$$\log N = 0.62020$$

$$\log B = 0.33819$$

18.20-0.65

$$B(200; 170) = 0.21787$$

(200; 175)

$$\log \sqrt{175} = 0.96335 - 1$$

$$\log N = 0.64572$$

$$\log B = 0.31763 - 1$$

19.21-0.93

$$B(200; 175) = 0.20779$$

(200; 180)

$$\log \sqrt{180} = 0.96913 - 1$$

$$\log N = 0.67156$$

$$\log B = 0.29757 - 1$$

$$B(200; 180) = 0.19841$$

(200; 185)

$$\log \sqrt{185} = 0.97591 - 1$$

$$\log N = 0.69772$$

$$\log B = 0.27799 - 1$$

15.23-0.65

$$B(200; 185) = 0.18967$$

(200; 190)

$$\log \sqrt{190} = 0.98307 - 1$$

$$\log N = 0.72422$$

$$\log B = 0.25885 - 1$$

$$B(200; 190) = 0.18149$$

(200; 195)

$$\log \sqrt{195} = 0.98982$$

$$\log N = 0.75003$$

$$\log \sqrt{195} = 0.99117 - 1$$

$$\log N = 0.75102$$

$$\log \sqrt{195} = 0.99117 - 1$$

$$\log N = 0.75102$$

$$\log B = 0.24015 - 1$$

16.25-0.4

$$B(200; 195) = 0.17384$$

(200; 200)

$$\log 3.00 = 0.47712$$

$$\log 2.00 = 0.30103$$

$$\log N = 0.77815$$

$$\log B = 0.22185 - 1$$

18.27-0.66

$$B(200; 200) = 0.16667$$

Die

Die vorliegende Berechnung entstammt einer Anregung
des Herrn Dr. Behrens in der Vorlesung von Herrn
Gehrmann Klein über Differential- und Integralrechnung
gab. Zu Anfang des Wintersemesters 1912/13 hoffe ich eine
erweiterte Berechnung der Betafunktion im Bereiche
 $0 < p \leq 1$ $0 < q \leq 1$ fertig zu stellen, die das Verhalten der
Betafunktion an der Ebene $q = 0$ darstellt. Es ist verha-
nismäßig einfach, die B-Funktion heraus für andere Bereiche zu be-
rechnen.
Eschwege, d. 25 April 1912.

Überreicht

von

Eduard Wicke