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Nelson H. F. Beebe  
University of Utah  
Department of Mathematics, 110 LCB  
155 S 1400 E RM 233  
Salt Lake City, UT 84112-0090  
USA

Tel: +1 801 581 5254  
FAX: +1 801 581 4148

E-mail: [beebe@math.utah.edu](mailto:beebe@math.utah.edu), [beebe@acm.org](mailto:beebe@acm.org),  
[beebe@computer.org](mailto:beebe@computer.org) (Internet)  
WWW URL: <http://www.math.utah.edu/~beebe/>

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## Title word cross-reference

$(2, 2, 2)$  [33].  $(2, 4)$  [651].  $(2, 5)$  [442].  $(3X + 1)$  [568].  $(a \bmod n)$  [615].  $(n\alpha)$  [640].  $(q; q)_n$  [1176].  $(|\mathfrak{S}(z^n)|)$  [1220].  $\{-1, -1\}$  [859].  $-3$  [121].  $0$  [134, 212].  $1$  [380, 444, 517, 709, 776, 834].  $12$  [206].  $1 \leq s \leq q - 2$  [598].  $2$  [30, 41, 142, 195, 248, 274, 295, 338, 484, 547, 585, 590, 605, 657, 841, 850, 966, 970, 973, 984, 1086, 1094, 1168, 1172].  $2^l$  [410].  $2^N$  [590].  $2^n + 2$  [326].  $2n$  [400].  $3$  [338, 858, 888, 1168, 1172].  $3u^2 - 2 = v^6$  [753].  $3x + 1$  [635].  $4$  [627, 774].  $4/n = 1/x + 1/y + 1/z$  [396].  $4p$  [1178].  $5$  [589, 1130, 1142, 1200].  $6$  [1237].  $7$  [589, 984].  $8$  [1177].  $9$  [206].  $?(x)$  [1097].  $[n^c]$  [521].  $[n\alpha + \gamma]$  [319].  $^2$  [39].  ${}_2F_1(13, 23; 12; x)$  [1014].  $A$  [781].  $a^x + b^y = c^z$  [339].  $a^x = R(x, y)$  [433].  $\alpha_\kappa$  [969]. *andaquestionofErdős*[278].  $\mathbf{a p}$  [377].  $\mathbf{a p}^x + bq^y = c + dp^zq^w$  [51].  $ax + by = 1$  [1095].  $aY^{2l} = bX^{2l} + cZ^{2l}$  [1203].  $aY^l = bX^l + cZ^l$  [1203].  $B_{2k}$  [455, 488, 655].  $B_3$  [727].  $B_h[g]$  [656, 674].  $\beta_\kappa$  [969].  $\binom{2n}{n}$  [167].  $\bmod$  [289].  $\bmod 1$  [916].  $\bmod 3$  [1161].  $\bmod 5$  [506].  $\bmod p$  [394, 699].  $C_p$  [998].  $D_1x^2 + D_2 = 4p^n$  [829].  $D_1x^2 - D_2y^2 = \lambda k^z$  [649].  $\Delta$  [154].  $\Delta(x)$

[477].  $e$  [611, 950, 991].  $E(T)$  [477].  $E_8$  [438].  $\ell$  [932].  $f(n, x) = 0$  [1057].  $f(x, y)$  [1189].  $f(x, y) = f(u, v)$  [1140].  $F_{2^h}[T]$  [549].  $F_p[T]$  [761].  $F_q$  [1179].  $F_q(T)$  [845].  $F_q(x)$  [598].  $F_q[T]$  [38, 242, 803, 806, 951, 1044, 1180].  $F_q[x]$  [13].  $F_r[U]$  [1107].  $G$  [778].  $G_2$  [1076].  $G_K$  [389, 745].  $\Gamma$  [234].  $\Gamma(2)$  [530].  $\geq 1$  [1221].  $\geq 3$  [1040].  $H$  [498, 994].  $H(d, q)$  [417].  $j$  [67, 857].  $J(q)$  [949].  $J_0(p)$  [393].  $J_k(n)$  [19].  $K$  [336, 348, 491, 636, 658, 708, 734, 783, 931, 981, 1162, 1211, 1247].  $k(t)$  [258, 867].  $K_3$  [1049].  $K_2$  [272, 1177].  $K_2(O_F)$  [30].  $K_2O_F$  [405].  $\kappa$  [969].  $L$  [39, 111, 255, 256, 283, 460, 539, 569, 710, 740, 781, 797, 845, 865, 869, 888, 932, 973, 977, 1008, 1085, 1150, 1174, 1203, 1206].  $l = 3, 5$  [1226].  $L^2(R^n)$  [698, 1182].  $l^n$  [1226].  $\lambda$  [234].  $[n\alpha + s]$  [508].  $M$  [184, 664].  $F_2$  [227].  $Q$  [1058].  $Cl_2(k^1)$  [981].  $GL(2)$  [1046].  $GL(3)$  [209].  $GL(n)$  [996].  $GL_2$  [634, 978].  $GL_2(F_3)$  [162].  $GL_n$  [503, 1144].  $Sp(2n, Q(i))$  [556].  $n!$  [892].  $n$  [554, 615, 794, 816, 1122].  $n\alpha + \gamma$  [915].  $n\alpha + s$  [508].  $\Omega$  [90].  $P$  [24, 29, 53, 66, 93, 103, 134, 135, 172, 178, 226, 240, 250, 351, 357, 398, 436, 564, 569, 601, 650, 675, 676, 696, 703, 718, 721, 732, 751, 764, 781, 783, 793, 817, 872, 880, 882, 897, 898, 963, 978, 987, 1008, 1060, 1095, 1127, 1143, 1146, 1150, 1181, 1189, 1191, 1216, 1251, 1254].  $p(n)$  [528, 1029].  $P(t^m, Y)$  [276].  $P(x)$  [477].  $P(x) =$  [278].  $p - 1$  [701].  $P^1$  [759].  $p^2$  [963].  $p^3$  [52].  $P^n$  [166].  $p^x - b^y = c$  [339].  $\Phi_T(X, Y)$  [559].  $\pi$  [91, 300].  $\pi_1$  [1009].  $pq$  [524].  $Q$  [8, 182, 349, 469, 484, 657, 711, 762, 897, 898, 912, 949, 1126, 1132, 1151, 1152, 1176, 1181].  $Q(p, q, r)$  [993].  $Q(\zeta_p)$  [50].  $Q^*(\text{mod } p)$  [701].  $Q_{ab}(t)$  [437].  $r$  [1145].  $S$  [58, 839, 858, 1050].  $s(N)$  [517].  $s = 0$  [704].  $S_4$  [711, 1151].  $\sum(1/(q^n + r))$  [120].  $\sum_{i=1}^N 1/x_i$  [756].  $\sum_{j=1}^s (1/x_j) + 1/(x_1 \cdots x_s) = 1$  [327].  $\sum_{p \leq n} 1(p \log p)$  [163].  $\sum t^n A\alpha^n + B\beta^n$  [1092].  $T_2$  [695].  $\theta$  [333].  $\tilde{A}_n$  [516].  $\varphi$  [779, 869, 931].  $\varphi_k$  [931].  $\varphi_k(n)$  [931].  $X^2 + 1 = 2Y^4$  [107, 445].  $X^2 + 1 = dY^4$  [828].  $x^2 + D = 4p^n$  [233].  $x^2 + D = p^z$  [1229].  $X^2 + Y^2 + Z^2 = aXYZ$  [43].  $x^2 - D = 4p^n$  [252].  $x^2 - Dy^2 = nz^2$  [199].  $x^4 + mx^2y^2 + y^4 = z^2$  [522].  $x^n + y^m + 1 = 0$  [1064].  $X_1(m)$  [1003].  $x_1x_2 \equiv x_3x_4$  [766].  $x_1x_2 \equiv x_3x_4 \pmod{p}$  [766].  $xyz = x + y + z$  [216].  $y^2 = x^3 - ax$  [32].  $y^2 = x^5 + 1/4$  [1200].  $Y^2 = x^q - 1$  [896].  $Y^m = f(X)$  [597].  $Z$  [439, 715, 1155].  $Z_p$  [1007, 1150].  $Z_p^r$  [134].  $\zeta$  [898, 1143].  $\zeta(2k + 1)$  [1227].  $\zeta(k)$  [373].  $\zeta(s)$  [622].  $\zeta(s)/\Pi^s$  [598].  $\zeta'(s)$  [622].  $|\eta(z)|$  [209].

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