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Obb. Begen 4ucro de la Boe ero genniera.
                  N=12 d_1=1 d_2=2 d_3=3 d_4=4 d_5=6 d_7=12
                         \sum_{i=1}^{n} (e(d) = n)
e(1) + e(1) + e(3) + e(4) + e(6) + e(12) = 12
       1 + 1 + 2 + 2 + 4 + 4

1 -60

paccus pun lee gpo84 + 2 + 4 h
               Coepatur ux. \frac{1}{12} \frac{2}{12} \frac{1}{6} \frac{3}{12} \frac{1}{4} \frac{4}{12} \frac{1}{3} \frac{5}{12} \frac{6}{12} \frac{1}{2} \frac{1
            horyan \frac{1}{12} \frac{5}{12} \frac{7}{12} \frac{11}{12} \sqrt{3} (\varphi(12)) = 4
                                                                   \frac{2}{12} = \frac{1}{6} = \frac{5}{6} = \frac{10}{12} \frac{3}{6} = \frac{10}{6} = \frac{2}{12}
                                                                                                                                                                                      3 (4(4)=2
                                                                       \frac{3}{12} = \frac{1}{4} = \frac{3}{4} = \frac{9}{12}
                                                                                                                                                                                               36(3)=2
                                                                               \frac{1}{12} = \frac{8}{12}
                                                                                                                                                                                                ξ (e (z)
                                                                                                                                                                                          34(1)
                                                                                                                                                                                                   = 12
                                                                                                                                                                    \frac{x}{d}, real y = 0, (x, d) = 0
              Pronguen gposh Buga
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sposei co zuenenen d pobro Q(d) unigk. A 6000 600 50060 4 1 1 1 1 1 1 Onp Montag cucière blivereb no moggno m ->70
unoxeerbo us M leersix 44cer 20,000.000; ai ‡ as een (#). 1 phnep 90, 5, 2, 3 3 - DCB mod 4 403653 Ул. ми-во да; mod m 3 - это 20,1,2, ... m-1 в -т.е. числе из ПСВ перебурают все остатич mod m.

103693 3 mod 4 = 0 6 nod 4 = 2 1-Bo Ocatuel aind m 855et m utt, Tik. quen biero m, h otta bee pazusie. La ocrainab pobro mi 20,1,2,-- m-13. 31444, pobro orta u honghatle. Mpurego med 5. 40, 1, 2, 3, 4 3 9024683 1-2-10129 976. Ear faig-700 mod m, Fo da i + x 3 - roxe nos mod m. Montes mod 4: 201239 - ncR x = 10 410, 11, 12, 133 - ncR 1 - 60uncer ocrahere m, α : 101-60

 $ai \equiv aj.$ 976. faig-ncs mod m, X & 27 (x,m)=1 Torge Pairy 3-ncb mod m Princip do 1234-ncB mad 4 x = 11 (11,4)=8 90 11 22 33 3 - ncB md 4

mod 4: 0 3 2 1

1-60 4ucen a: x - m mt $a_i \times = a_i \times \langle = \rangle$ $a_i = a_i$ horong upo cpabherius noxtro coxpayato Ha X, een (x,m)=1 Ohp prhegéthas ouvere Bosterolo mod m. $\mu^{n-6}q^{a}; y : goldho <math>\delta (n)$ $(p(m) \ \forall n \in n)$ $\alpha; \neq a; \neq j$ n = 1Npunep. 912343- NpCB mod S. 4(1)=4 924683-npcB rod 5 91,3,7,94-npCB md 60 (9(10)=4 9-3-1 1 33-NpCB mod to 576. Ean dail-npCB. da; mod m 3 - 200 ble 44cm or 1 gom, koropsie bjahuno mocisi c m.

Nover 2-3-1 1 3 9-17pCB mod 10 -3 mod to =7 1 mod 10=1 -1 mod to =9 3 mod 10=3. 97,9,1,3 & - Re uncre ot 150 10, us no psie bzeunho hpoch a 10 1-60. da; mod m3 - P(m) cet. De a i mod m < m ble aindm pastale, 7.4. ai #ai no very te (a; mod m, m)= {? (ai - gm, m) - 1 $d = aid = (ai, m) \ge d$ (12000, y rec (e(m) 44cen of 0 go m-1 4 bre parmie, a bre bjanno apoción c m. Karatu, ho oppegenento le(m) 270 kele pag kon-Bo Takux Mucen. Brighat, nepethocners bee Bzanho morgae ocation. 976 Ear dai 3-ApCB mod m, Ecrh (x,m) = 1, To dazx } - RpCB. punep , 2-3,-1,1,33-np CB nd lo x=3 9-0, -3, 3, 5} - np CB



