Let's look at the SS error of the following 52+25+3 J R > 52+25+4 Nonce Also, since C= E 5°+25+3 AND E= R-C R = E(52+25+3+1) Do that = 52+25+3 Lets consider an most of 1(4)=1 50 that R=1/s (= H(F) then = 1/5 = 5 (5+1)2+(1)2] = A + (36+1)+C/3 trying to fit "father"

(5+1)2+(3)2 of Herry 10 211 11 10h 3.7.1 Lind A,B,C in partial fraction expension 1 . A=14 /= A((1-1)2+(13))+BS2+BS+Cs13 B=-A=-14 = As2+A+3A+ A2s+ 1352+B5+Cs13/ -(n) -2 . MARAL O GOTTL WA

(15) =
$$\frac{14}{5} + \frac{14}{5}(34)$$
 + $\frac{1}{113}(3)$

(16) = $\frac{14}{5} + \frac{14}{5}(3)$ + $\frac{1}{113}(3)$

(17) = $\frac{14}{5} + \frac{14}{5}(3)$ + $\frac{1}{113}(3)$

(18) = $\frac{14}{5} + \frac{14}{5}(3)$ + $\frac{1}{113}(3)$

(19) = $\frac{1}{5}$ + $\frac{1}{5}(3)$ + $\frac{1}{113}(3)$ + $\frac{1}{11$

Finally, you can use the result overved for Skp inputs for counter 7:12 whore

e(00) = 11+11m G(s) to that

= 1 / 1/3

= 1/13

= 3/4 as expected.11

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