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1/6/2023
 · Write pseudocode to produce the expression of the hozord funding L
  P(T=1)=[1-P(T=1)]P(all children die)
P(all children die) = P(Y j E Ni, child j dies in all or injection)
 The previous state has I in entry j. and the other entries are
 all free. There are 2" such states. I need some notation for this set, call it for now lets call it X_[i].
  for x in Xn[i]:
  I for be BL:
          1= f(Ax+b)
             extinct = True
             for j in \hat{N}_i:

extinct = extinct and z_j = 0
              if extinct!
              expr = expr+ "Tx pb+"
  return expr[:-1] # this drop the last "+" banging on the end.
 \sum_{x \in X_n I_i I} \pi_{X_i} \sum_{b \in B_L} p_b \underbrace{1 \left\{ \sum_{j \in N_i} f(A_{x_i b_j}) = 0 \right\}}_{f(a_i I_i)} = P(all (hildren die))
 P(T=1)=[1-P(T=1)] I(0) (\( \sum_{j \in j \in j} (A \times b)_{j} \)
P(T=2) = [1-P(T=1)] \sum_{x \in X_n[i]} \pi_x \sum_{b \in B_L} p_b \mathbb{1}_{\{0\}} (\sum_{j \in F_i} f(Ax+b)_j)
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P(T=3) = [1-P(T=2)]P(all grandchildren die) P(all grandchildren die): |Ne | l = 111111This is an attempt from [2] |P(all grandchildren die): |Ne | l = 1111111We know that the previous state has an active node in Ni. So now, we also need to loop over that set. for S in 2 thi- Ø: - I think I'm double counting for x in Xn[S]: because for instance, Xn[{1.2.3}] For b in BL: € X,[{1,1}], 2= f(Ax+ b) extinct = True

For k in UNj: so the aid expressin would include some extinct = extinut and Z = 0 tems twice. expr = expr + "tx pb+" So ... how can I use this approach without double counting? vetun expr[-1] Am I actually double counting? I think this part night near I'm not double country. Also. He activation of S. This that matter may be quanted to be active.