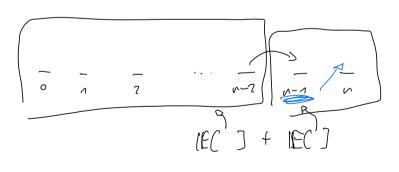


Let X random variable that counts the # of rolls to get from D to n. IECX]?

Subrealf recurrence



$$f(n) = 0$$

$$f(n-1) = 1$$

$$A = (1,1)(1,2)(1,3), ..., (1,6)$$

$$(2), (3), (4), ..., (6)$$

$$(2), (3), (4), ..., (6)$$

$$(3), (4), ..., (6)$$

$$(4) = 0 = 2 \cdot p^{2} + 2 \cdot p^{2} + 2 \cdot p^{2} + ... + 2 \cdot p^{2} + 2$$

First Idea:
$$f(n-2) \approx p_1 f(n-1) \qquad g$$
Second Idea:
$$f(n-2) \approx p_1 f(n-2+i)$$

$$f(n-2) \approx p_1 f(n-1) + p_2 f(n)$$

$$+ p_3 f(n+1)$$

$$+ p_4 f(n)$$

$$+ p_5 f(n)$$

$$+ p_5 f(n)$$

$$+ p_6 f(n)$$

$$+ p_7 f(n)$$

$$+ p_7 f(n)$$

$$+ p_7 f(n)$$

$$+ p_7 f(n)$$

$$p_{n}\left(1+F(n-1)\right)$$

Third (dea:
$$f(n-2) = \sum_{j=1}^{6} p_j (1 + f(n-2+j))$$

$$A(x) = \sum_{j=1}^{6} p_j \left(1 + f(min(x+j,n)) \right)$$

