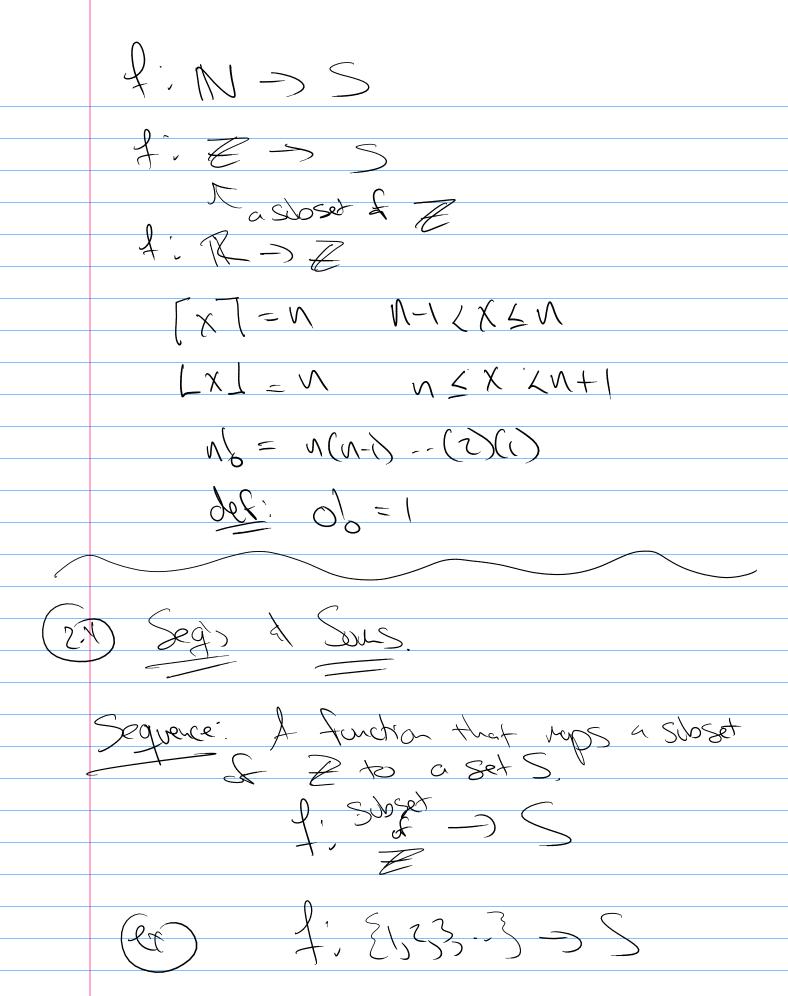
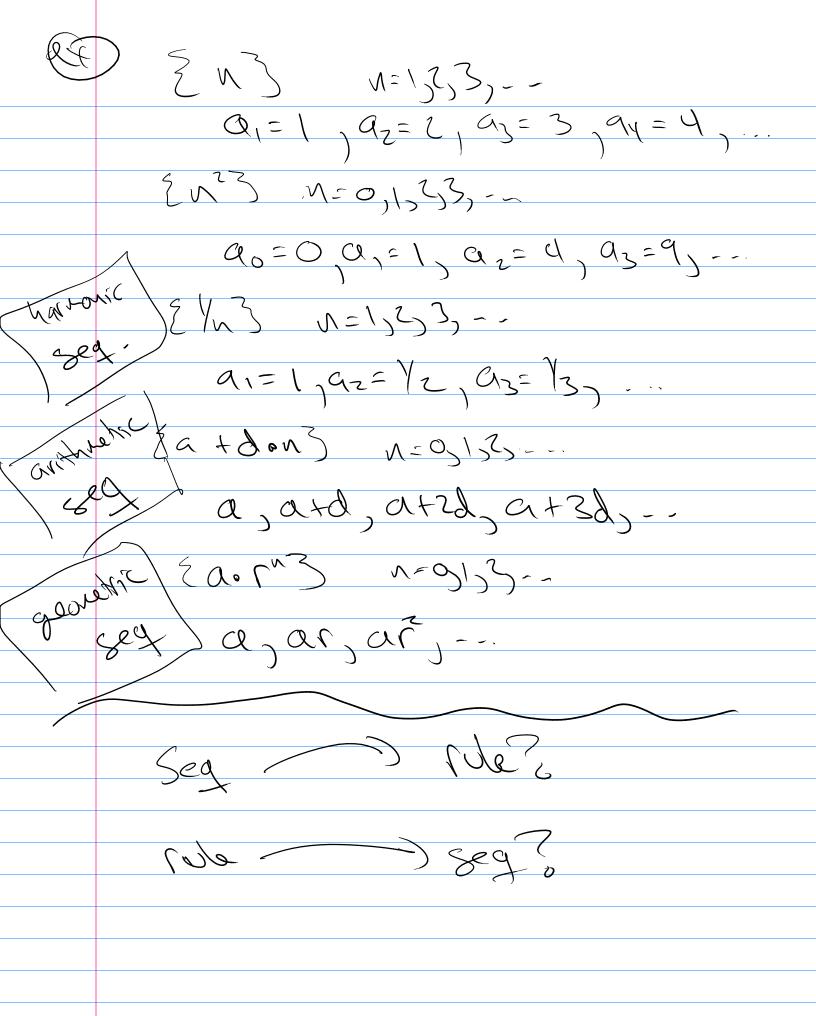
2.3(z) f: R-TR is strictly dec Deti. I L(X) (I(X2) when X LX2 Shrellx Juc. 1 A(K) > A(K2) when KI LX2 Stroty fre is strictly, LC. It is strictly dec then KILK2 iff f(x) < p(xz) when x, < xz it for is stortly inc. fucha J. A SR is a gule that assigns to every act



f(n) = rule involving Vund Lucka votata (x) = 1/1 +(w) = 1/1 N=-1,0,1,2,-. n=1,7,-f(w) = N/o N=0,1,7,-Seg. Notation & 17+13 n= -1,0,1,2, .-N= 1,2,3,.. [N]3 N=051,2, --In general $\{0, 1\}$ $\{0, 1\}$ (R) { n + 13 N=-1,0,1,2, --(20, -) (2, 1) (2, 5) (0) (0)Edu3 N=0,1,2, -- 5 1 Wex & seq (Seg) -> 90,01,02,03,-- R terns of seg.



$$Q_{N} = Q_{N-1} + Q_{N} - N = 233 - \frac{1}{3}$$

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$$Q_{N-1} = Q_{N-1} + Q_{N} - N = 233 - \frac{1}{3}$$

$$Q_{N-1} = Q_{N-1} + Q_{N} - Q_{N-1} + Q_{N} - \frac{1}{3}$$

$$Q_{N-1} = Q_{N-1} + Q_{N} - Q_{N-1} + Q_{N} - \frac{1}{3}$$

$$Q_{N-1} = Q_{N-1} + Q_{N} - Q_{N} - Q_{N-1} + Q_{N} - Q_$$

$$\frac{1}{2} = \frac{1}{2}$$

$$\frac{1}$$

