

$$7n_{+1} = 2n - \frac{1}{2} \frac{1}{$$

 $\frac{1+8_{h+1}}{3} = \frac{1}{3} \left( \frac{2(1+8_h)}{(1+8_h)^2} + \frac{1}{(1+8_h)^2} \right)$ expect 1+En  $\left( \mathcal{D}^{4}\right)$ ,  $\frac{1+8_{n+1}}{3} = \frac{1}{3} + \frac{1}{3$  $= S_n + O(S_n^3)$