



TOPIC 4: TUTORIAL 1

Problems: Find the z – transforms of the following functions

(i) $\frac{1}{(n+1)(n+2)}$

(ii) $r^n \cos n\theta$ and $r^n \sin n\theta$

(iii) $\frac{1}{(n+1)!}$

(iv) n^2

(v) $n^2 a^n$