





	$= {}^{\circ}Co + {}^{\circ}C_{1} + {}^{\circ}C_{2} + {}^{\circ}C_{2} + {}^{\circ}C_{n} + {$
	2 22 2
	= (1+ 1)
	The series being finite is obviously convergent if z +0
	3
	: Region of Convergence (ROC) is whole z-plane except the
	origin.
→ 4>	$F(z) = 2z^2 - 10z + 13$
TAX SECUL	$(z-3)^2(z-2)$
	Consider,
	$\frac{2z^{2}-10z+13}{(z-3)^{2}(z-2)} \stackrel{=}{=} \frac{A}{(z-2)} \frac{Bz+c}{(z-3)^{2}}$
	$2z^{2}-10z+13 = A(z-3)^{2}+(Bz+c)(z-2)$
	Put 2-2
	-: 8-20+13 = A
	:. A = 1
	Put z = 0
	18 = 9 A - 2 C
	·'. C = -2
	Put 2 = 3
	3B+C=1
	-: B = 1
	·· 222-102+13 : 1 + 2-2+1+1
	$(z-3)^2(z-2)$ $z-2$ $(z-3)^2$
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