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9 9	
	Park 401 11 (2-2) 11/12:20
	Part 18: y"-(2-2)y+2y=0
4	
1	$f(x) = f(x_0) + \frac{f'(x_0)}{1!} (x - x_0) + \frac{f''(x_0)}{2!} (x - x_0)^2 + \dots$
A	$f(x) = f(x_0) + \frac{1}{1!} (x - x_0) + \frac{1}{2!} (x $
2	
2	20=3
	f(3) = 6
	f'(3) = 1
1	$f(x) = f(3) + f'(3)(x-3) + \frac{1}{2} f''(3)(x-3)^2$
1	
a	$f'' - (x - \lambda)f' + \lambda f = 0$
-	f"= (x-2)f'-2f
	5"(3) = (3-2) f'(3) -2 f(3)
	f''(3) = 1-12=-11
	$f(x) = 6 + 1 \cdot (x-3) + \frac{1}{2} \cdot (-11) \cdot (x-3)^2$
-	
4	$f(x)=6+(x-3)-\frac{1}{2}(x-3)^{2}$
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1	
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