3 parcial EDO								91.3	21/07/2021.										
9"-99=20	sin x + ;	3×2	1	4		-	Ly		-	4	1	10	-	H	+	-	1	13	
y= 9n19p										1	-			1		+	1	12-	
4h = S. homoge	hea									-				1					
4"- 94 = 0	9	ert								1				1	1				
12-9=0			-	1 = 3		22	= -	3		1	1	-					-		
yn = (e 3x +	(ze	3 *					1			1	1				-	1	+	-	
(40)]										1	+	+				1	-	-	
S. Particular d	e 3 x 2								30				25					-	
y = Ax + Bx +	c					-	-				1								
$y' = 2A \times + B$ y'' = 2A $y'' - qy = 3x^2$												6 8							
													-		23				
9 A = 3	A =	1/3	1	3	M								1						
- 98 = 0 2A - 9C = 0	B= (=	-2/27			R	yp	-	×	2	- 1	1		25	ch	X			6	
91 = x 2								3		2	7				1				
3 23						4-	- C	10	3×	+ 1	0.9	0	3×	X	2	2	2	na2	
· Particular de		nx			6	9	-	-						3	-	2.7		Sen	
42 = BSenx+	Acosx							-						1	-	1	F		
yz' = - B (05x	- Acas							+	1					1	1	1	-		
y"-9y = 20.															-	1			
-10Bsenx-1	A:	0	205	enx			-		-						-	1	1		
-10A + 0	= - 25	+2			-	-	-		-	-						-	1		
1		4		-						H				-	-	-	+	-	

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