Baganese 2 (tg2 (fin (x) + Cos (2x+3))) = = 2/d (tg/Cos(3+2x)+Sin(x))) + tg/Cos(3+2x)+Sin(x)) = = (\(\frac{d}{\sigma x} \left(\left(\frac{cos(3+2x)}{3+2x} \right) + \(\frac{d}{\sigma x} \left(\frac{cos^2}{\sigma (\sigma s)(3+2x)} + \(\frac{d}{\sigma x} \right) \right) \) x 2 tg/ Cos (3 + 2x) + Sin(x)) = $= \left(\frac{d}{dx}\left(\sin(x)\right) + \left(-\left(\frac{d}{dx}\left(3 + 2x\right)\right)\sin(3 + 2x)\right) + g\left(\cos\left(3 + 2x\right) + \sin\left(x\right)\right) \times$ * Cos 2 (cos (3+2x)+ Sin(x)) = $=\frac{2}{\cos^2(\cos(3+2\alpha)+\sin(x))}\times\left[\frac{d}{dx}\left(\sin(x)\right)+\left[\frac{d}{dx}\left(3\right)+2\left(\frac{d}{dx}\left(x\right)\right)\right)\sin(3+2x)\right]$ $x + \frac{1}{2} \left| los(3+2x) + Sin(x) \right| =$ = $\frac{2}{\cos^2(\cos(3+2x)+\sin(x))} \times \left| \cos(x) - \sin(3+2x) \left| 2 \left| \frac{d}{dx}(x) \right| + 0 \right| \right| \times$ x tg (Cos (3+2x) + Sin(x)) = $=\frac{2}{Cos^{2}\left(Cos\left(3+2x\right)+Sin(x)\right)}\times\left(Cos(x)-2\left(\frac{d}{dx}(x)\right)Sin(3+2x)\right)\times$ x tg / Cos (3+2x) + Sin (x)) = $= \frac{2}{\cos^2(\cos(3+2x)+\sin(x))} \times \left|\cos(x)-2\sin(3+2x)\right| \times$ tg (Cos(3+2x)+Sin(x))

Tipus No = 1. Cos 2 (Cos (3+2) + Sin(1)) x (Cos (1) - 2 Sin (3+2)) x x tg (los (3+2) + Sin(1) = = Cos2 (Cos(5) + Sin(1)) x (Cos(1) - 2 Sin(5)) x x tg (Cos(5) + Sin(1) = Sin2 (2/8:n(1) + los (5))) Cos (2/8in(1) + Cos (5))+1/2

3aganne 5 Найми собетвенное значение и советвенной Be uniof electifies or $\begin{cases} \mathcal{R} + 4y = \mathcal{R} \\ \mathcal{R} + y = \mathcal{R} \end{cases} \Rightarrow \begin{cases} \mathcal{R} + 4y - \mathcal{R} = 0 \\ \mathcal{R} + y - \mathcal{R} y = 0 \end{cases} \Rightarrow$ $\begin{cases} x(1-2) + 4y = 0 \\ y(1-2) + x = 0 \end{cases}$ $\begin{vmatrix} 1 - \lambda & 4 \\ 1 & 1 - \lambda \end{vmatrix} = (1 - \lambda)^2 - 4 = \lambda^2 - 2\lambda + 1 - 4 = 2\lambda^2 - 2\lambda^2 - 3 = (\lambda^2 - 3)(\lambda^2 + 1)$ => [71,2 = -1,3 $\frac{\lambda = -1!}{\begin{cases} x + 4y + x = 0 \\ x + y + y = 0 \end{cases}} = \begin{cases} 2x + 4y = 0 \\ x + 2y = 0 \end{cases} = \begin{cases} x + 2y = 0 \\ x + 2y = 0 \end{cases} = \begin{cases} x + 2y = 0 \end{cases} = \begin{cases} x + 2y = 0 \\ x + 2y = 0 \end{cases} = \begin{cases} x + 2y = 0 \end{cases} = \begin{cases} x + 2y = 0 \\ x + 2y = 0 \end{cases} = \begin{cases} x + 2y = 0 \end{cases} = \begin{cases} x + 2y = 0 \\ x + 2y = 0 \end{cases} = \begin{cases} x + 2y = 0 \end{cases} = \begin{cases} x + 2y = 0 \\ x + 2y = 0 \end{cases} = \begin{cases} x + 2y = 0 \end{cases}$ 10 = - 24 [Cobenil. bekniof (-2) $\frac{1=3!}{\{x+4y-3x=0\}} \ge \frac{4y-2x=0}{x-3y=0} \ge \frac{2y-x=0}{x-2y=0}$ X = 2yCoberis. Beurisp₂ $\binom{2}{1}$