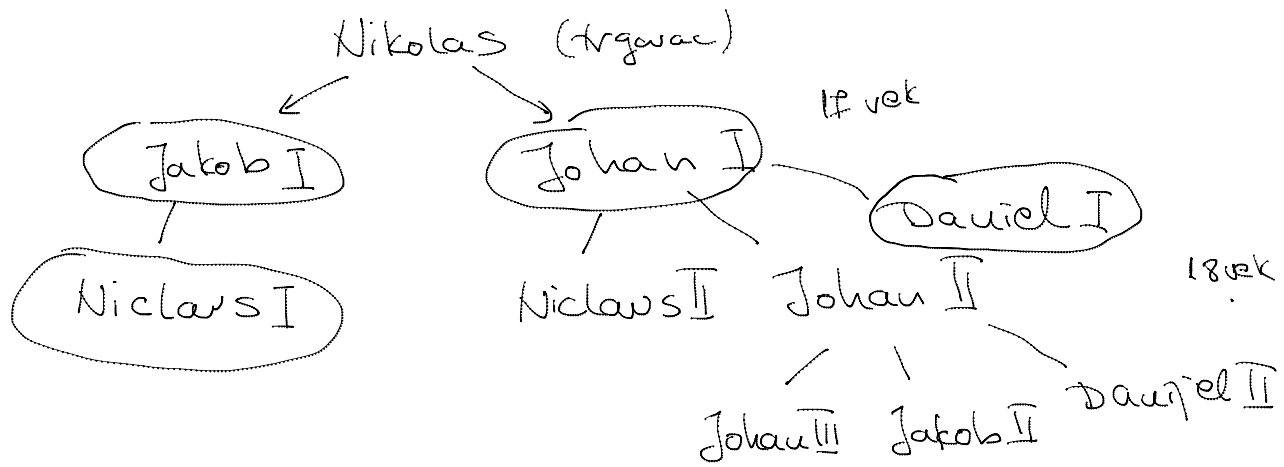


# Bernuljevi



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$$y''' = \sin x \quad / \int \int \int$$

$$\frac{d}{dx} \left( \frac{d}{dx} \left( \frac{dy}{dx} \right) \right) = \sin x$$

$$y = \int dx \int dx \int \sin x dx = \int dx \int dx [(-\cos x) + C_1]$$

$$= \int dx [(-\sin x + C_1 x) + C_2] = \cos x + \frac{x^2}{2} C_1 + C_2 x + C_3$$

$$= \cos x + x^2 \cdot C_1 + x \cdot C_2 + C_3$$