

Zadatak 19. Izračunaj $\frac{\sin t - \cos t}{\sin t + \cos t}$ ako je $\operatorname{ctg} t = 1\frac{2}{9}$.

Rješenje. $\operatorname{ctg} t = 1\frac{2}{9} = \frac{11}{9}$;

$$\frac{\sin t - \cos t}{\sin t + \cos t} /: \sin t = \frac{1 - \operatorname{ctg} t}{1 + \operatorname{ctg} t} = \frac{1 - \frac{11}{9}}{1 + \frac{11}{9}} = \frac{\frac{-2}{9}}{\frac{20}{9}} = -\frac{1}{10}.$$