

These two questions were asked by the students, one of whose solutions was given by Ramon T. Tang and the other was given by me

1. $\int \frac{d\theta}{\cos \theta + \sin \theta}$ (Set $x = \tan \frac{\theta}{2}$ by Ramon T. Tang)

2. $\int \frac{x-1}{(x^2+2x-3)^2}$