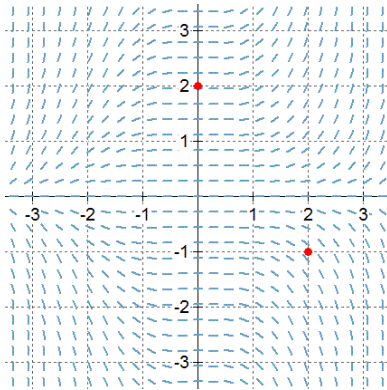


Example Technology Exercise 4

John Smith and Tom Brown

1. Draw a solution curve through each point: $(0, 2)$, $(2, -1)$.



2. See Maxima file.
3. Use Winplot to approximate the definite integral $\int_0^4 \sqrt{2+3x^2} dx$

n	$L(n)$	$M(n)$	$R(n)$	$T(n)$	$S(n)$
4	12.77710	15.39652	18.43396	15.60553	15.48451
8	14.08681	15.44800	16.91524	15.50102	15.46619
10	14.35693	15.45436	16.61967	15.48830	15.46577
12	14.53858	15.45781	16.42419	15.48139	15.46569
16	14.76740	15.46125	16.18162	15.47451	15.46567
20	14.90564	15.46284	16.03701	15.47133	15.46567

Answers

