MATH 308: © P. Yasskin 2003

Differential Equations Project:

Sele	ect your project team: (Recommende	d: 4 students.)
1.	Name:	Sec:
	Email:	Phone:
2.	Name:	Sec:
	Email:	Phone:
3.	Name:	Sec:
	Email:	Phone:
4.	Name:	Sec:
	Email:	Phone:
	of initial conditions.)	so compute and plot the exact solutions of both equations for several se
	NSS 2AB: One and Two Snow	vplows.
	NSS 2D: Toricelli's Law of F	uid Flow
	NSS 2E: Clairaut Equations as	nd Singular Solutions (Be sure to include plots.)
	NSS 3B: Aquaculture	
	NSS 3C: Curve of Pursuit (Es	sentially no Maple.)
	NSS 4E: Nonlinear Equations	Solvable by First Order Techniques (Essentially no Maple.)
	M 10.1: Heat-Seeking Particle	S
	M 10.3: The Tennis Serve (Ad	d air resistence as $-kv$, but not spin.)
	M 10.4: Modeling Lake Pollu	ion
	M 10.6: Rocket Propulsion	