

## Physics

### CompuRoc 2.0.1

Blast off with this model rocket flight and performance simulator. Enter information about your rocket, including mass and density. Customize the environment with details like atmosphere, wind and gravitational force. Choose an engine (or multiple engines) and launch your rocket. Graph and print your rocket's performance.

Education-> Volume 224/April '96

### Kinematic Land 1.1

#### Featured

Study every aspect of motion with this complete kinematic chain simulator. Analyze position, speed and acceleration of any point in the chain. There are many examples, including a rod and crank, a textile machine and more. You can even save your simulations as QuickTime movies. Great for anyone studying mechanical physics.

Education-> Volume 227/July '96

### ModRoc 1.0.1

Blast off! This program helps you design safe, stable model rockets. Designing a rocket is as easy as choosing parts from a catalog and telling the program where they go. As parts are added, the program continuously displays up-to-date information on center of gravity, center of pressure and stability margins so you can instantly see how the rocket is shaping up. It removes much of the tedious and error prone calculations of the stability factors.

Education-> Volume 222/February '96

### Water Rocket Fun

Blast off!

Learn about rockets the fun way - by building one! This program teaches you several scientific theories that affect rocket flight, including:

- \* Gravity
- \* Fuel types, including water, alcohol and mercury
- \* Drag coefficient
- \* Pressure level

(HyperCard Stack by Tony Wayne)  
Children's-> Volume 229/September '96  
Education-> Volume 229/September '96  
Latest & Greatest-> Volume 229/September '96