

# Physics: CINEMA CLASSICS

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**PHYSICS** Views™

## Physics: CINEMA CLASSICS DVD 3

### Waves (I)

#### Wave Propagation

Wave Vocabulary (EBEC, 1961, 1974)

Energy Transfer (EBEC, 1961)

Various Media (PSSC, 1959)

Wave Machine (PSSC, 1959)

Longitudinal - Slinky (EBEC, 1974)

Sound (EBEC, 1961, 1974)

Ultrasound (EBEC, 1974)

Light (EBEC, 1961; PSSC, 1959)

Speed of Light (PSSC, 1959)

#### Periodic Waves

Ripple Tank (PSSC, 1961)

Sound (EBEC, 1970, 1974)

Electromagnetic Spectrum (EBEC, 1973)

Electric Power Line (PSSC, 1958)

Radio (EBEC, 1961)

Sound and Light (PSSC, 1961)

Doppler Effect - Trains and Automobiles  
(NA, 1990; MH, 1952)

Doppler Effect and Shock Waves - Ripple Tank  
(PSSC, 1961)

Doppler Effect Equations (MH, 1952)

#### Superposition

Computer Animation (EBEC, 1971)

Slinky (EBEC, 1971)

Radio (PSSC, 1961)

Microwaves (PSSC, 1961)

Lasers (EBEC, 1973)

#### Standing Waves

Wires (PP, 1968)

Wave Machine (EBEC, 1971; PSSC, 1961)

Slinky (EBEC, 1971)

Soap Film (EBEC, 1971)

Drum (PP, 1968)

Sound With An Oscilloscope (EBEC, 1972)

Sound With An Audiometer (PSSC, 1961)

Resonance - Sound (EBEC, 1961)

Microwaves (PSSC, 1961)

#### Reflection

Slinky (EBEC, 1961)

Wave Machine (PSSC, 1959)

Water- Plane Surfaces (EBEC, 1976; PSSC, 1961)

Water- Curved Surfaces (PSSC, 1961)

Sound (PSSC, 1961)

Radio (PSSC, 1959; EBEC, 1961)

Light - Plane Surfaces (PSSC, 1959; EBEC, 1976)

Light - Curved Surfaces (EBEC, 1961, 1971, 1976)

#### Refraction

Car On Carpet (EBEC, 1976)

Water (PSSC, 1961)

Sound (PSSC, 1961)

Light - Pencil (EBEC, 1971, 1976)

Light - Aquarium (PSSC, 1959)

Light - Swimming Pool (PSSC, 1959)

Light - Lenses (EBEC, 1976)

#### Dispersion

Water Waves (PSSC, 1961)

Light (EBEC, 1961, 1971, 1976)

#### Miscellaneous

Surfing Waves (NA, 1990)

#### Source Codes

Ealing	Ealing Films
EBEC	Encyclopaedia Britannica Educational Corp.
ESS	Elementary Science Study films
MH	McGraw-Hill Inc.
NA	Newton's Apple television series
NAP	North American Phillips Corporation
PF	Phoenix Films and Video, Inc.
PP	Project Physics films
PSSC	Physical Science Study Committee films
VA	Visual Almanac, Apple Computer, Inc.

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