Camera Motion

Technical

Camera Motion

Technical

rate

Camera Motion
Technical

rate

ramping

Camera Motion
Technical

rate

ramping

reframing during travel

Camera Motion

Technical

rate

ramping

reframing during travel

initial composition

Camera Motion

Technical

rate

ramping

reframing during travel

initial composition

moving

Camera Motion

Technical

- rate

- ramping

- reframing during travel

  - initial composition

  - moving

  - end frame

Camera Motion

Technical

rate

ramping

reframing during travel

    initial composition

    moving

    end frame

motivation

Camera Motion

Technical

rate

ramping

reframing during travel

    initial composition

    moving

    end frame

motivation

    when

Camera Motion

Technical

rate

ramping

reframing during travel

    initial composition

    moving

    end frame

motivation

    when
    how fast

Motion

Intensity increases

↑

Motion

Intensity increases

↑

static object/static camera

Motion

Intensity increases

↑

moving object/static camera

static object/static camera

Motion

Intensity increases

↑

static object/moving camera

moving object/static camera

static object/static camera

Motion

Intensity increases

moving object/moving camera

static object/moving camera

moving object/static camera

static object/static camera

Camera Motion

Why do we move the camera?

Camera Motion

Why do we move the camera?

- Follow action

Camera Motion

Why do we move the camera?

- Follow action
- Reveal new information

Camera Motion

Why do we move the camera?

- Follow action
- Reveal new information
- Reframe for composition

Camera Motion

Why do we move the camera?

- Follow action
- Reveal new information
- Reframe for composition
- Reframe to show new relationship

Camera Motion

Why do we move the camera?

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- Reveal new information
- Reframe for composition
- Reframe to show new relationship
- Dramatic emphasis

Camera Motion

Why do we move the camera?

- Follow action
- Reveal new information
- Reframe for composition
- Reframe to show new relationship
- Dramatic emphasis
- Increase pace

Camera Motion

Why do we move the camera?

- Follow action
- Reveal new information
- Reframe for composition
- Reframe to show new relationship
- Dramatic emphasis
- Increase pace
- Set mood
- Others?

Camera Motion

It's always best to *motivate* your camera moves.

Movement within the frame can motivate a camera move:

- Character or object moves

- Can be as simple as a head turn

- Very trendy currently to move the camera for no reason at all (slider)

Camera Motion

Types of camera movement

Camera Motion

Types of camera movement

- pan
- tilt
- dolly or push in or out
- track or truck left or right
- pedestal / crane / jib / boom
- independent
- zoom

Camera Motion

- **pan**

  right / left on head

nodal point
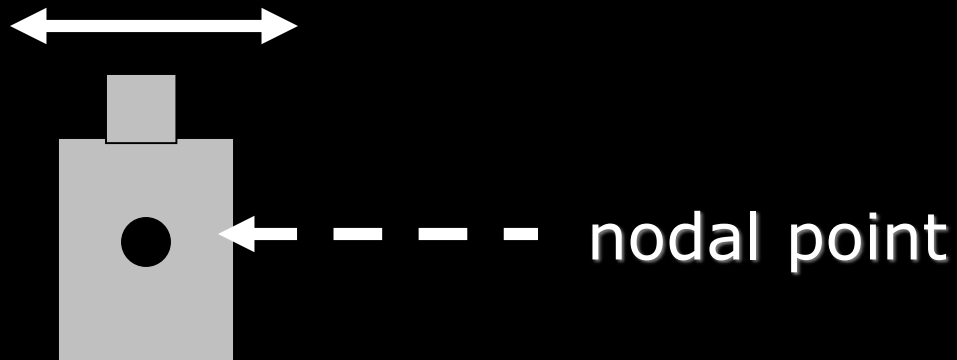
Camera Motion

- **tilt**

  up / down on head
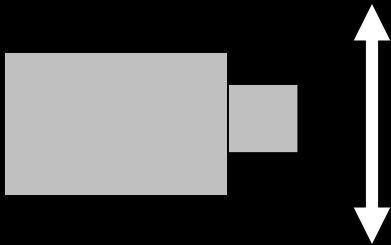
Camera Motion

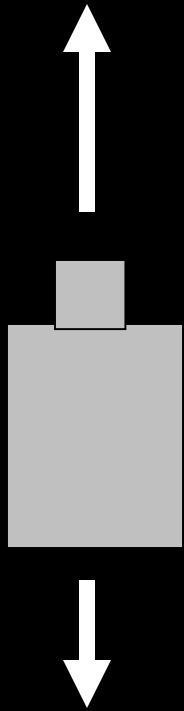- **track (or truck)**

  Right / Left

  In front (lead)

  Behind (follow)
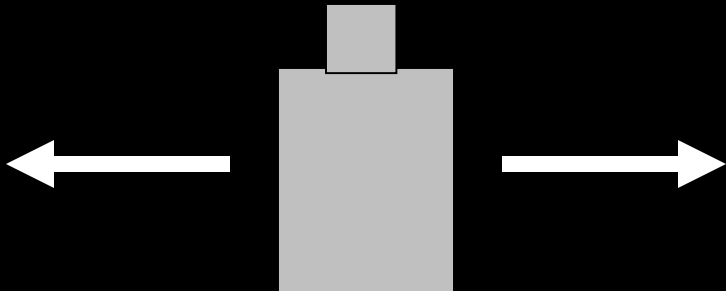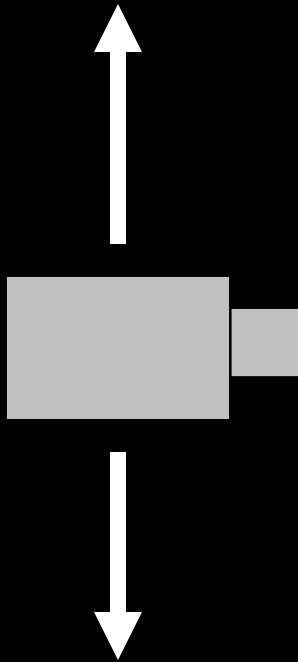
Camera Motion

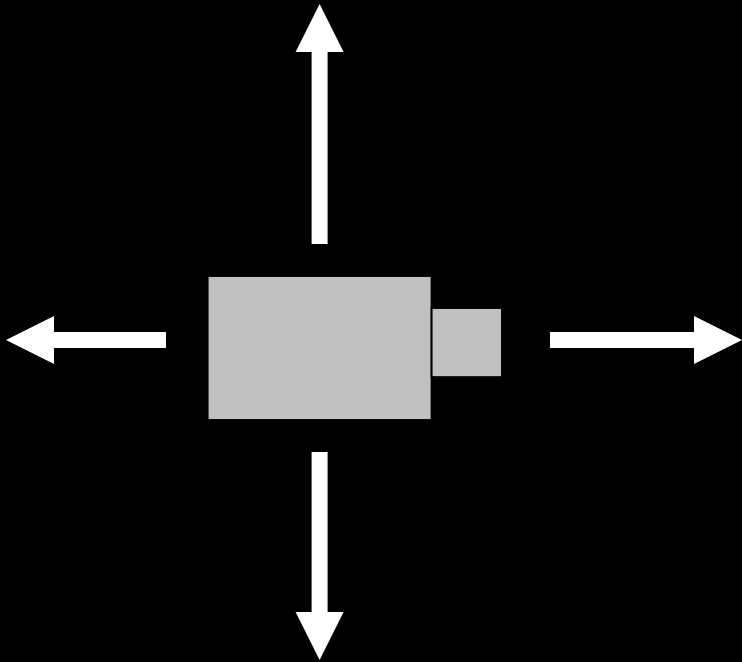- **dolly in/out**
- **"push in"**
- **"pull out"**

Camera Motion

- **pedestal / boom**

    up – down entire camera
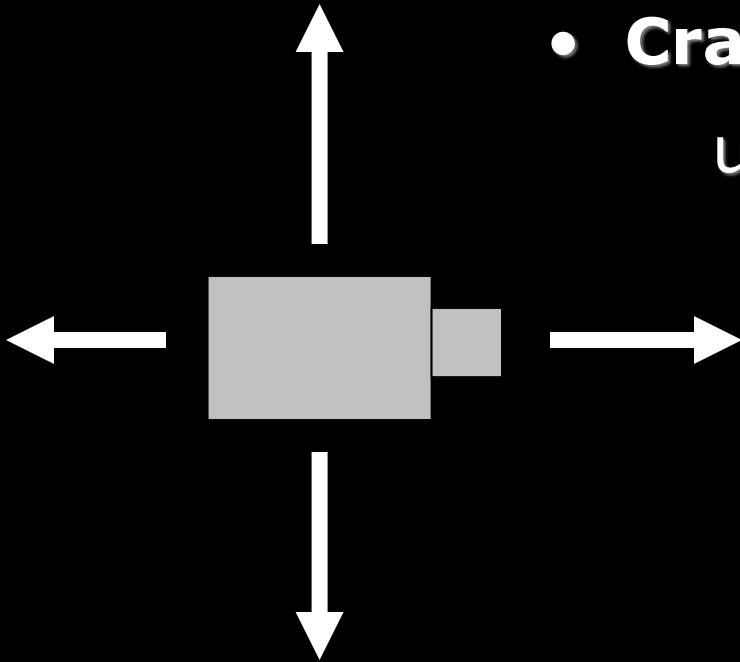
Camera Motion

- **independent**

Camera Motion

- **independent**

- **Crane / jib**
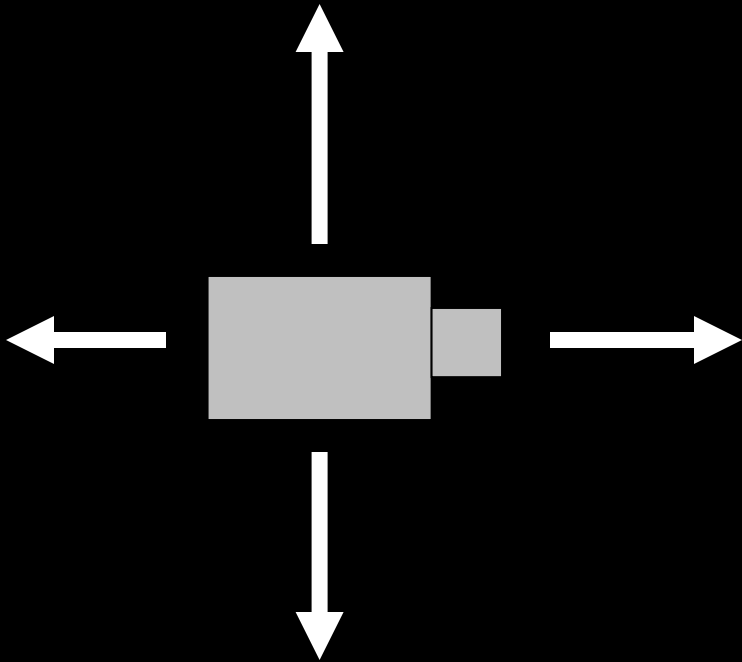 up – down, plus sweeping arcs

Camera Motion

- **independent**

Hand-held
realism
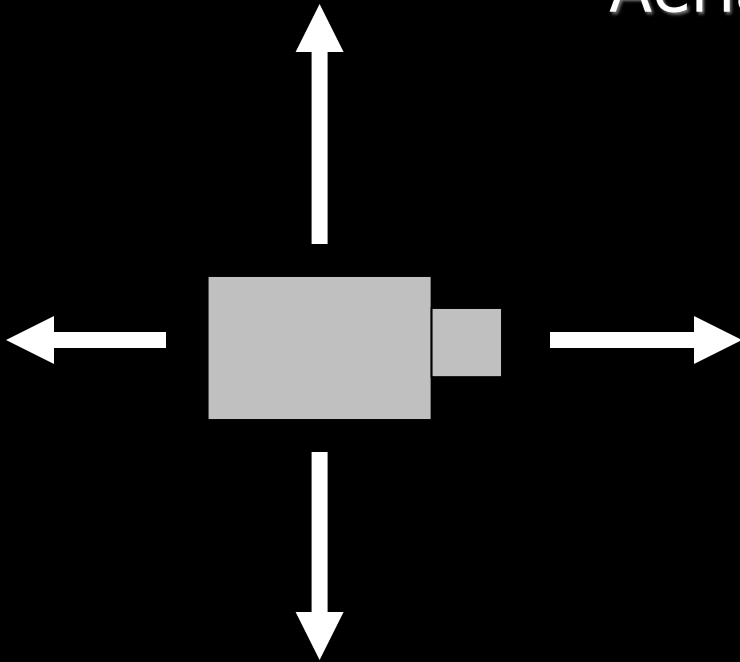
Steadicam, stabilizers (Movi)
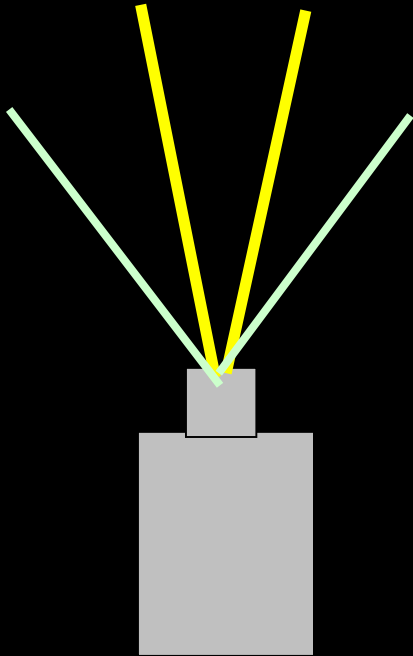*smooth control*

Motion control
repeatable control

Camera Motion

- **independent**
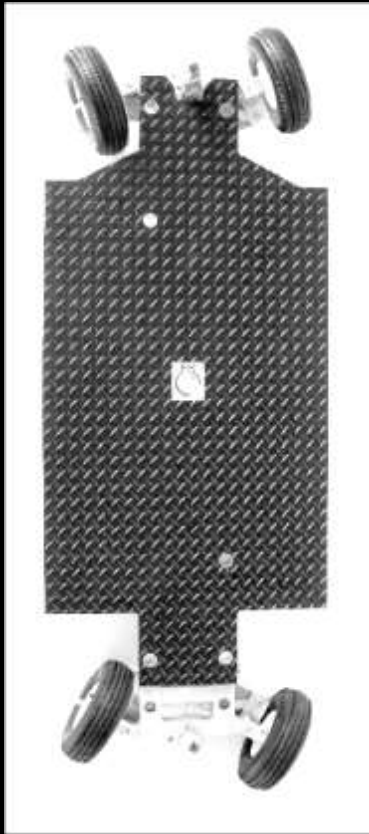
  Aerials: helicopter, airplane, drone

Camera Motion

- **Zoom in/out**
  Optical effect

Camera Motion

Dolly moves

push in

push out

track

crab – front wheels same direction as back – diagonal moves

roundy-round – curves/circles

boom up

boom down
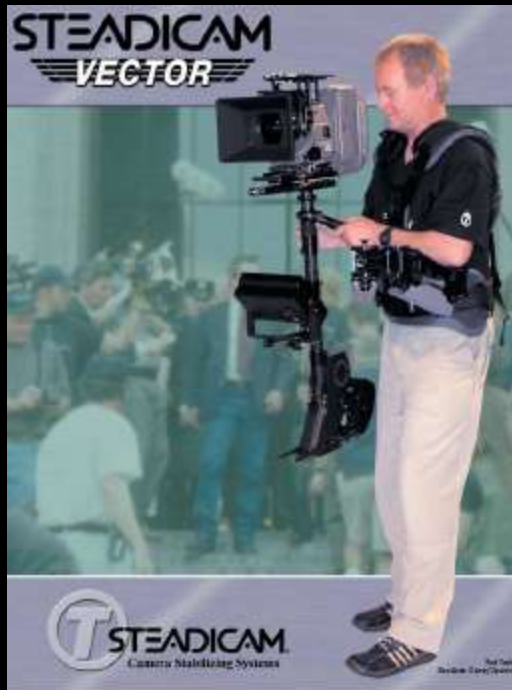Zolly

Dolly Shots

Camera Sliders

Crane Shots

Steadicam Shots

Name the various shots

(click image)

Week #8

ANALYSIS:

- *Run Lola Run*

- How is the camera used to support the story? Read prompt.

Week #8

PRODUCTION

Week #8

PRODUCTION – Music Video:

- With your team, design and shoot a short MUSIC VIDEO.

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- The purpose of this assignment is to give you hands-on time with the video cameras, and practice precision in framing.

Week #8

PRODUCTION – Music Video:

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- Some of your shot design will be based on cue cards that indicated specific types of shots to capture. Include the cards in the frame.

Week #8

PRODUCTION – Music Video:

- You select whatever music or song you wish to use.

- Can be lip-sync or not.

Week #8

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- *ALTERNATE camera operators*. Every person on the team should have a turn behind camera as operator.

Week #8

PRODUCTION – Cue Cards:

1. Establishing shot

2. MCU – with wide angle lens

3. MCU – with telephoto lens

4. Dolly in

5. Zoom in or out

6. Panning or tracking

7. Overhead/Birdseye

8. Low angle

9. Slide (IF you can)

10. Reframe

11. Surface division

12. Rack focus with FG element