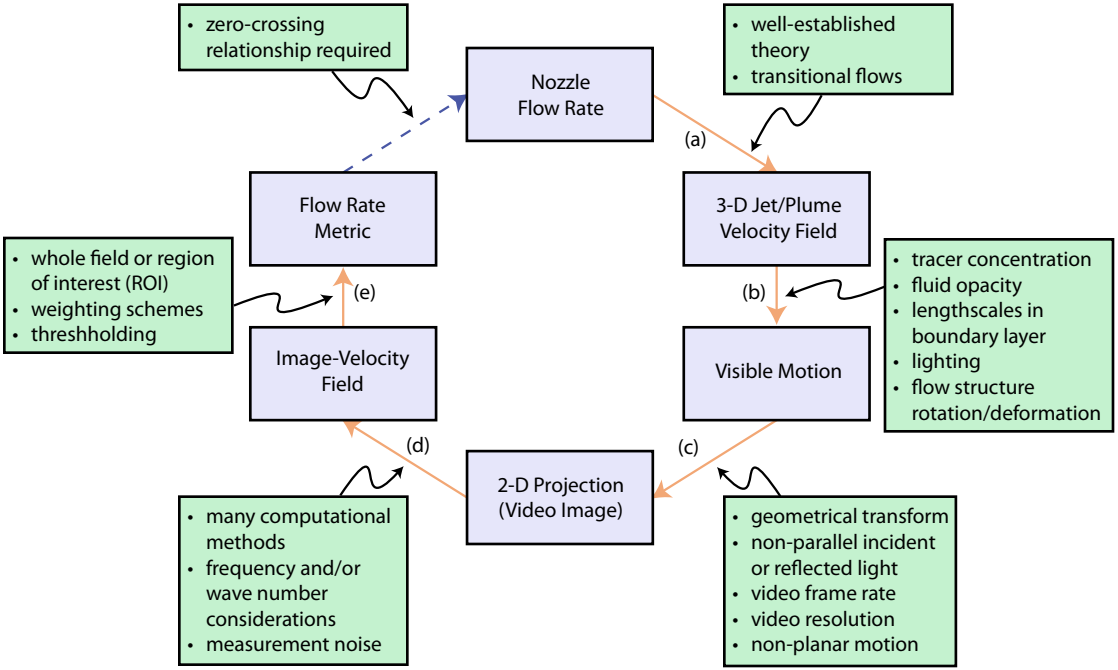
zero-crossing relationship required
Nozzle Flow Rate
well-established theory
transitional flows
(a)
3-D Jet/Plume Velocity Field
Flow Rate Metric
whole field or region of interest (ROI)
weighting schemes
threshholding
(e)
(b)
tracer concentration
fluid opacity
lengthscales in boundary layer
lighting
flow structure rotation/deformation
Image-Velocity Field
Visible Motion
(d)
(c)
2-D Projection (Video Image)
many computational methods
frequency and/or wave number considerations
measurement noise
geometrical transform
non-parallel incident or reflected light
video frame rate
video resolution
non-planar motion