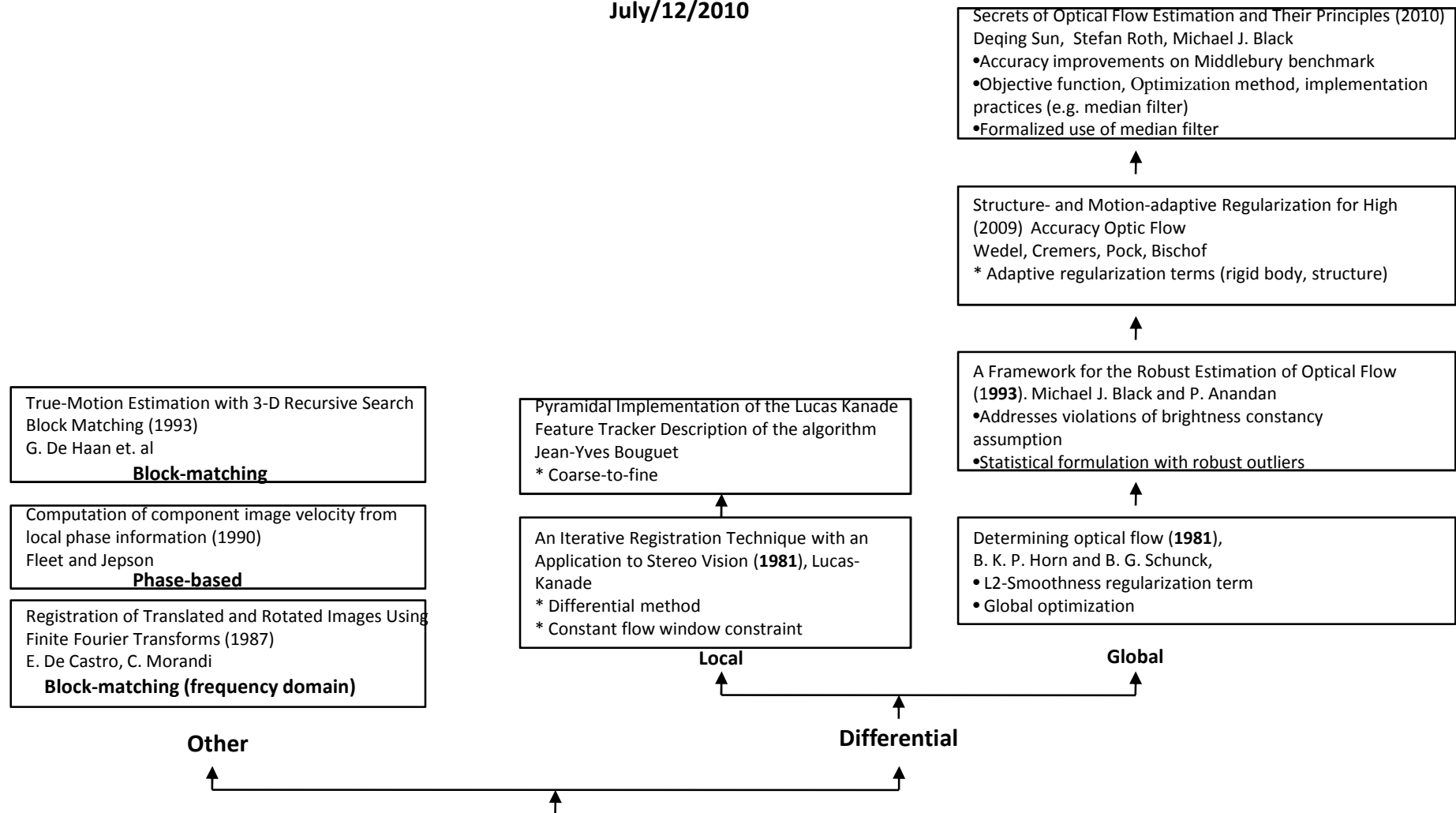


**Reading Homework: Optical Flow**  
**By: Eduardo Corral**  
**July/12/2010**



**Basic concepts and assumptions:**

- Brightness constancy assumption (data conservation)
- Spatial smoothness assumption
- Taylor series truncation (linearization)
- Newton-Raphson optimization
- Least squares
- Fundamental theorem of calculus (Newton)