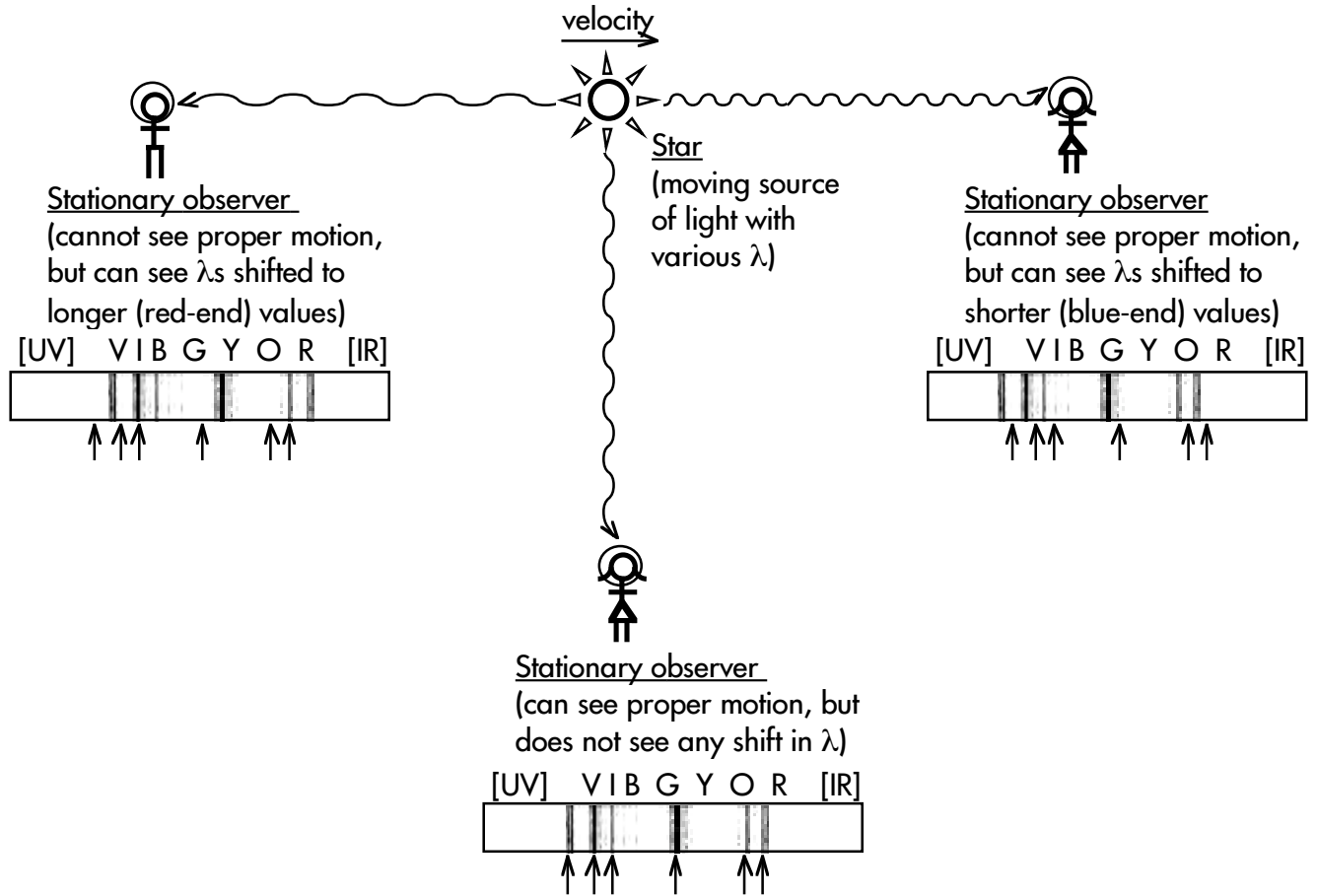


Stellar Motion and Distance handout

The schematic diagrams shown below depict how the sideways motion of a star can be observed directly (proper motion) or how the towards/away motion of a star can be inferred (Doppler motion); and how the distance to a star can be deduced over a six-month period. (Cf. *Lecture-Tutorials for Introductory Astronomy*, pages 69-71 for more details.)

Doppler effect and proper motion



Stellar parallax

