

Def. Optic flow: \$ velocity of motion projected onto surface I unit of distance trom camera: Case Z Consider : $1, \hat{L}_{i}^{k}$ Case 1 camera P fixed fixed Camera Moving K-<u>n</u>'=[v:/r at $v' = \begin{bmatrix} x \\ z' \end{bmatrix}$ ⇒ identical optic velocit flow to case point P, <u>____</u>=[+;*//~] in body coords. (ase 4 (general case) Case 3 P fixed (assumes world is fixed or slow-moving) P Fixed v'=0, W',≠0 140, w'≠0 $\vec{x} = [w'_{y}]$ vectorada effects: $-\Omega = [W_y - \hat{F}]$ (idependent of r!)