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Find pixel  $\vec{p}$  on laser stripe in image ( $\vec{p}$  is in 3D coordinates, known from camera parameters). Laser stripe plane: unit surface normal  $\vec{n}$  and offset from orgin d. Image point  $\vec{p}$  defines a ray from camera origin  $\vec{c}$  to scene point  $\vec{x}$ .



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