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## Selected Problems

1. What is the Essential matrix for a rectified stereo system with a baseline of  $T=10$  ?
2. Given the same stereo system as in the preceding question, and a point in the right image  $\vec{p}_r=(0.2\ 0.1,1)^T$  , find the equation of its corresponding epipolar line in the left image.
3. What are the differences between the Essential matrix and the Fundamental matrix?
4. What happens to the epipoles of the left and right images once the stereo system has been rectified?
5. What can we say about the optical axes of the left and right cameras once the stereo system has been rectified?