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## On the Goldberg-Sachs theorem in five dimensions

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We discuss generalization of the Godlberg-Sachs theorem to higher dimensions. After working out some general constraints that hold in arbitrary dimensions, we determine necessary algebraic conditions on the optical matrix of a multiple WAND in a five-dimensional Einstein spacetime. We prove that there are three canonical classes of the optical matrices. We provide explicit examples of spacetimes corresponding to each form discussed.