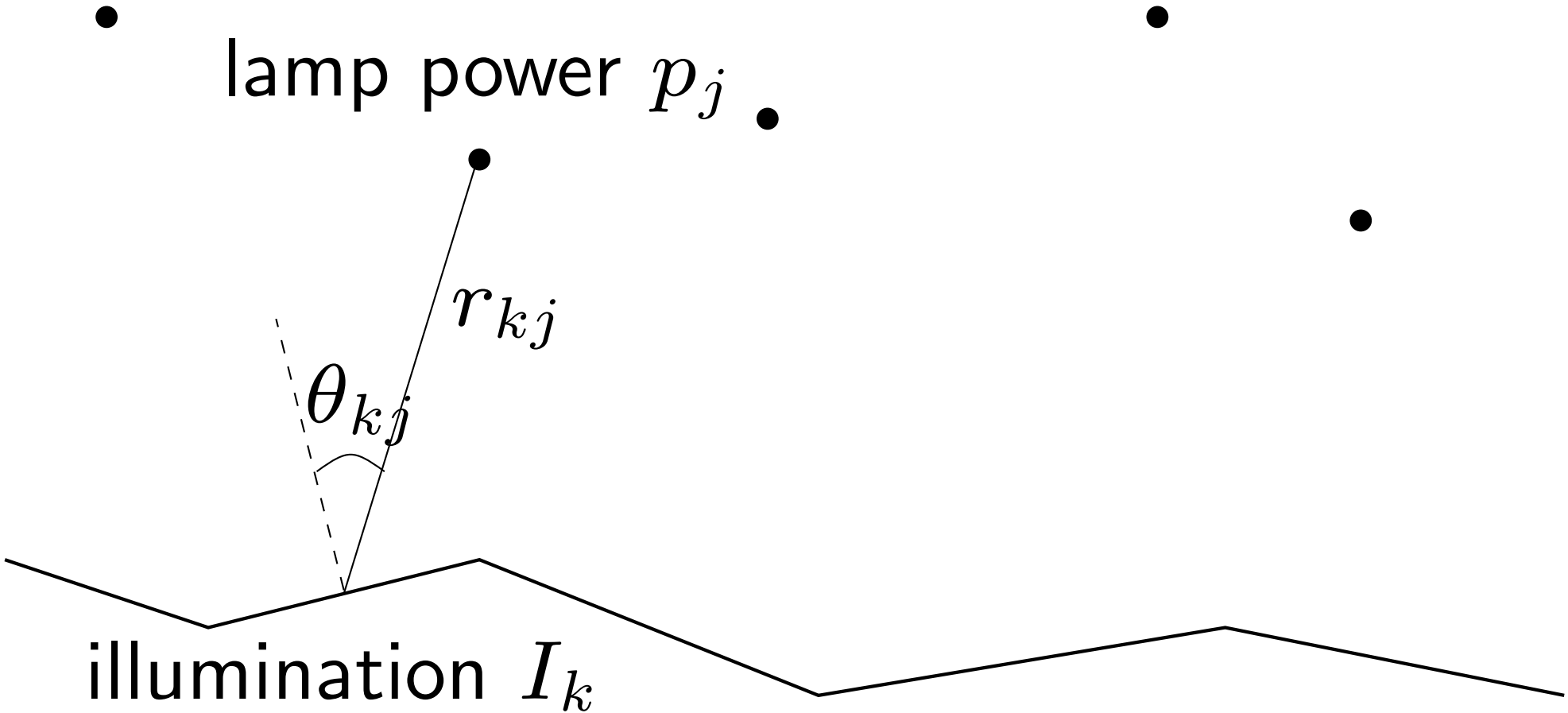
lamp power p_j
r_{kj}
θ_{kj}
illumination I_k