

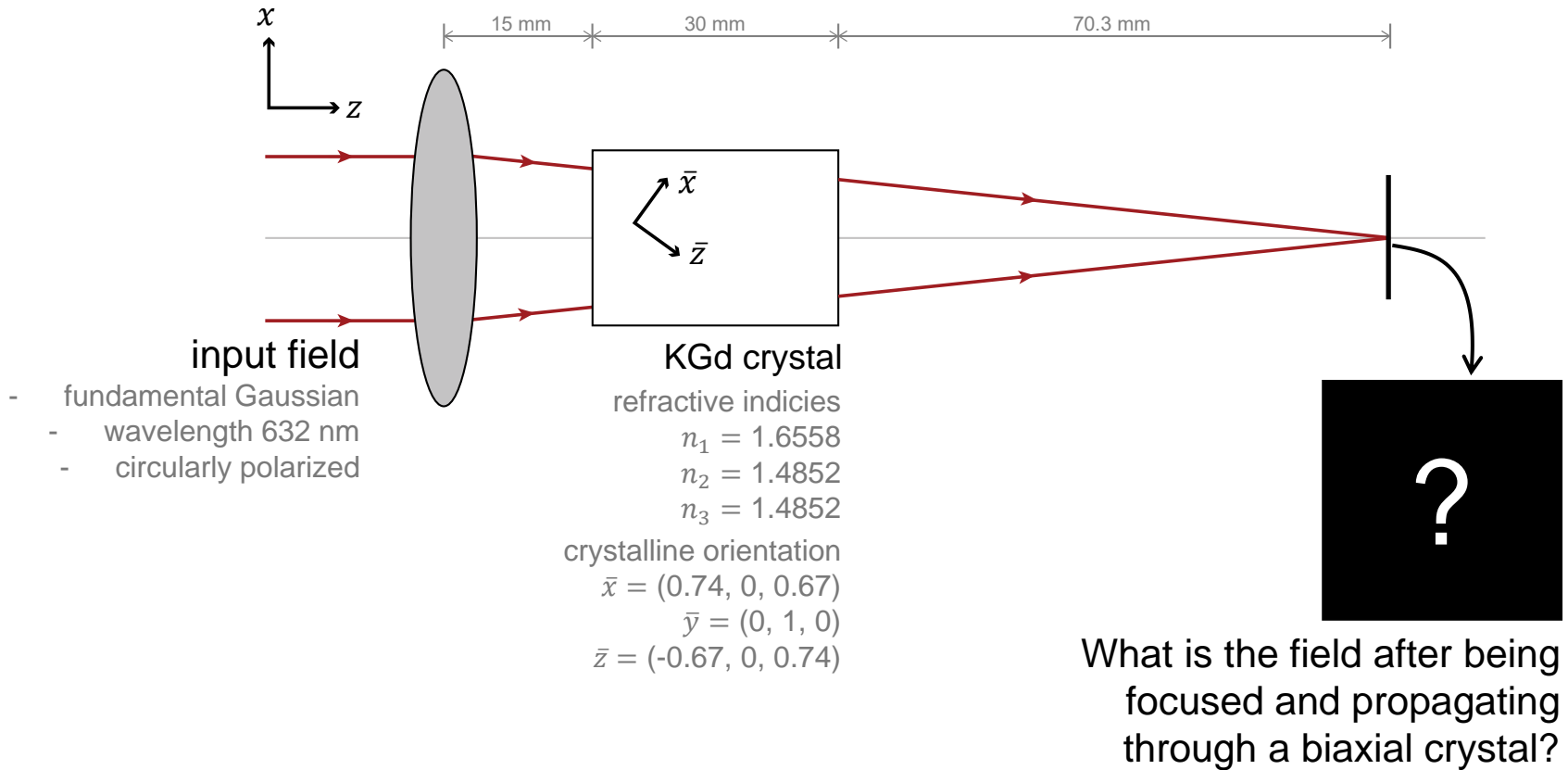
Conical Refraction in Biaxial Crystals

Abstract

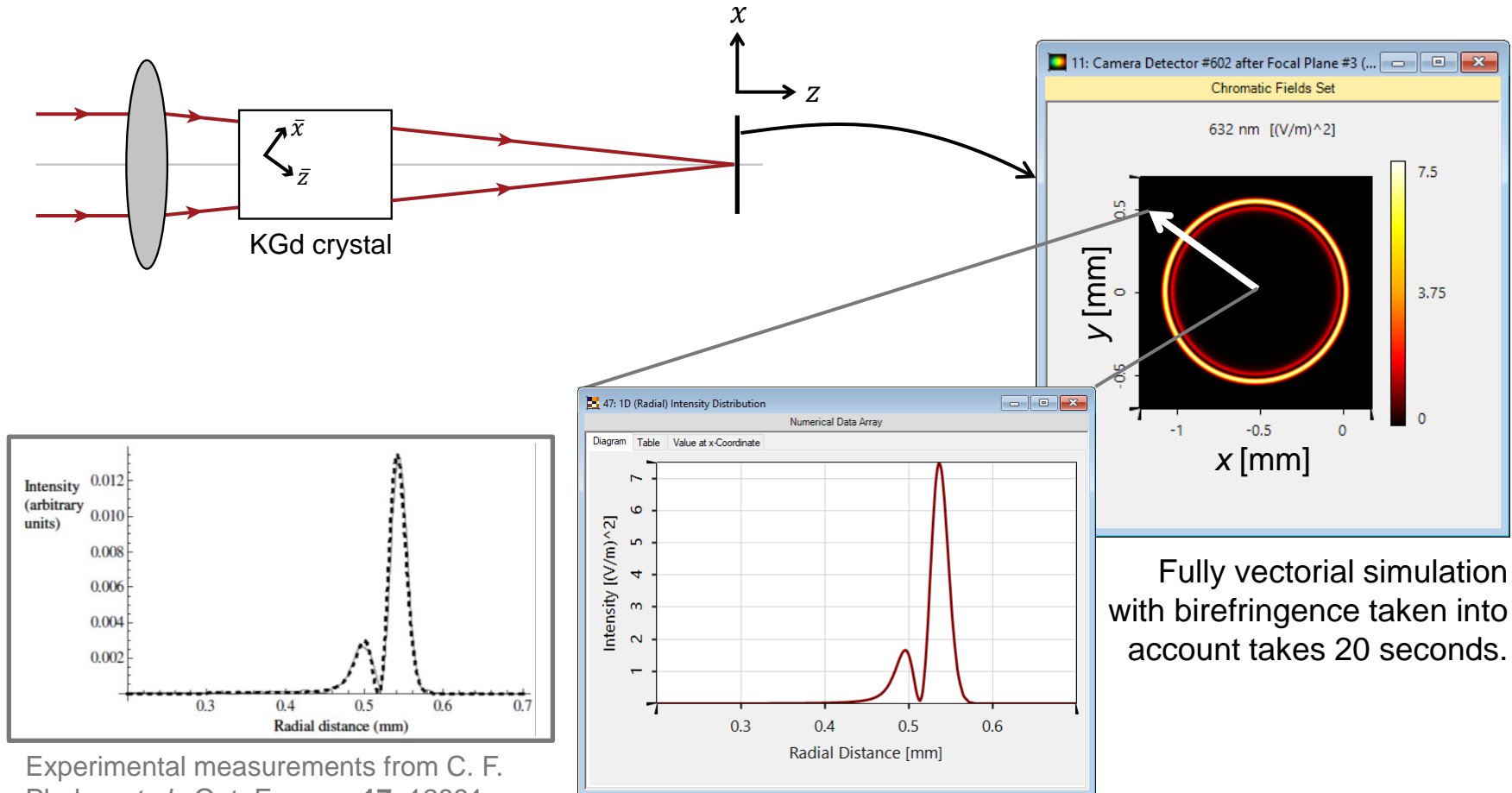


When a circularly polarized light propagates through a biaxial crystal along its optic axis, the transmitted field evolves into a cone, and this is known as the conical refraction. Several applications are developed based on this effect, such as Bessel beam generation and optical tweezers. With the fast-physical-optics simulation technique in VirtualLab, conical refraction from a KGd crystal is demonstrated.

Modeling Task



Results



Document Information

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