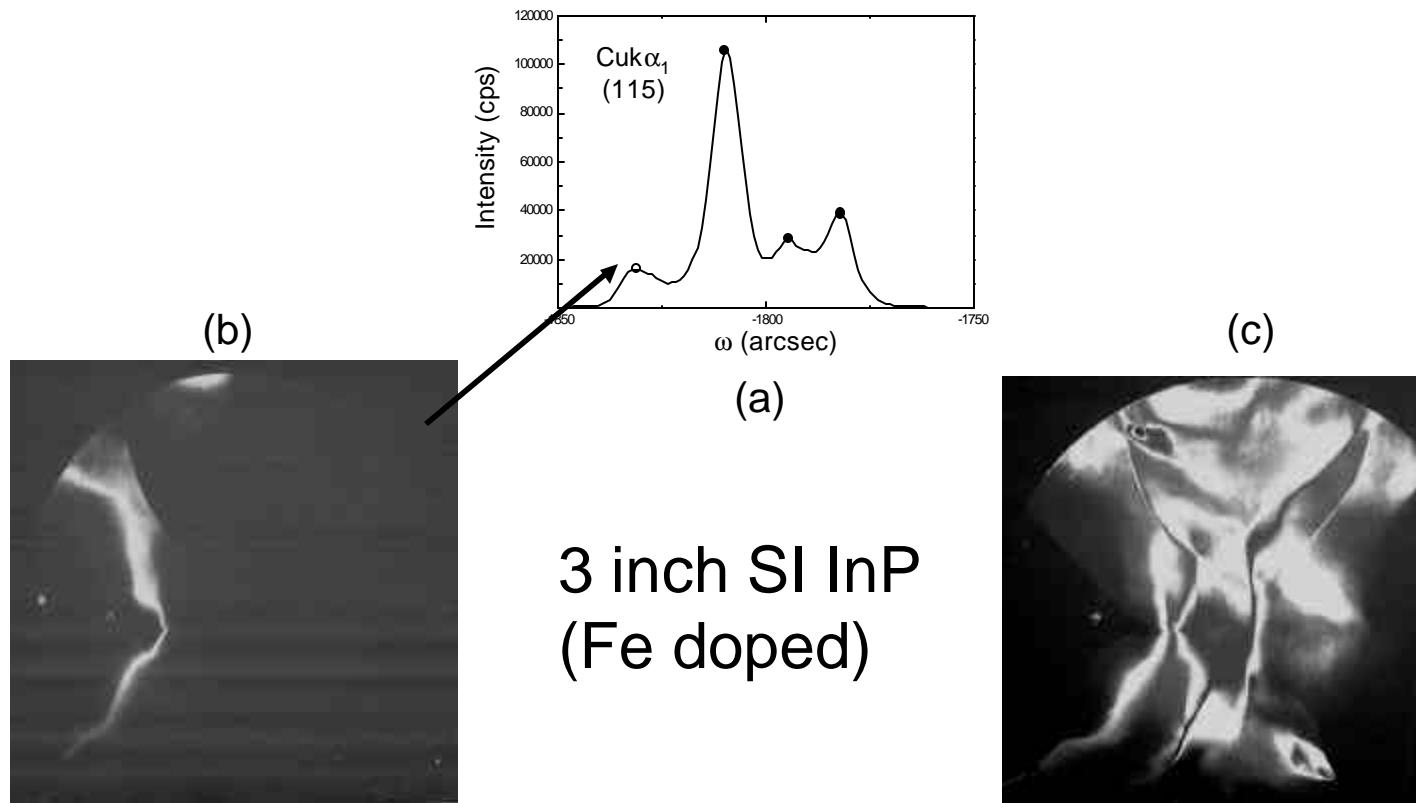


# Low quality three inch InP substrate



(a) is the rocking curve of the 3 inch InP substrate showing four peaks, (b) is the x-ray topograph taken at the left most peak of the rocking curve and (c) is the x-ray topograph which is a composite of topographs taken at the top of each of the four peaks. The x-ray topograph shows large tilt and mosaic regions indicating poor crystalline quality.