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*grain boundaries are natural obstacles to the motion of dislocations during plastic straining of crystalline matter as such they may be the cause of grain scale heterogeneity in terms of the mismatch of the elastic plastic strain rate internal stress and crystallographic reorientation rate fields, rolling element bearing wikipedia* - *a particularly common kind of rolling element bearing is the ball bearing the bearing has inner and outer races between which balls roll each race features a groove usually shaped so the ball fits slightly loose, condition monitoring in the 21st century* - *introduction while the national manager for one of australia s largest condition monitoring service providers i initiated a strategic review of the condition monitoring marketplace in order to identify and assess the changes occurring within the industry and the opportunities and threats that these changes represented to our organisation, ming dao s home page mit edu* - *experiences visiting professor nanyang technological university mar 2018 present adjunct professor camp nano xi an jiaotong university oct 2011 present principal research scientist dept of materials sci eng mit feb 2011 present principal investigator director nanomechanics lab mit oct 2010 present, mechanical engineering me university of north dakota* - 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