



Finite Element Analysis

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Formula 1 is the ultimate motor sport. It demands the highest level of skill from both drivers and the engineers behind the cars. So what are the secrets of good car design? How are Formula one cars engineered for maximum performance? This album takes a behind the scenes look at Red Bull Racing, one of the most successful teams of modern times. Using thrilling archive and expert testimony, it explores how the techniques of Finite Element Analysis are used to optimize the performance of different elements of a Formula one racing car. The album is presented by Lara Mynors and features extensive contributions from Lewis Butler, Red Bull's senior structure's analyst and Dr Ray Martin of the OU.