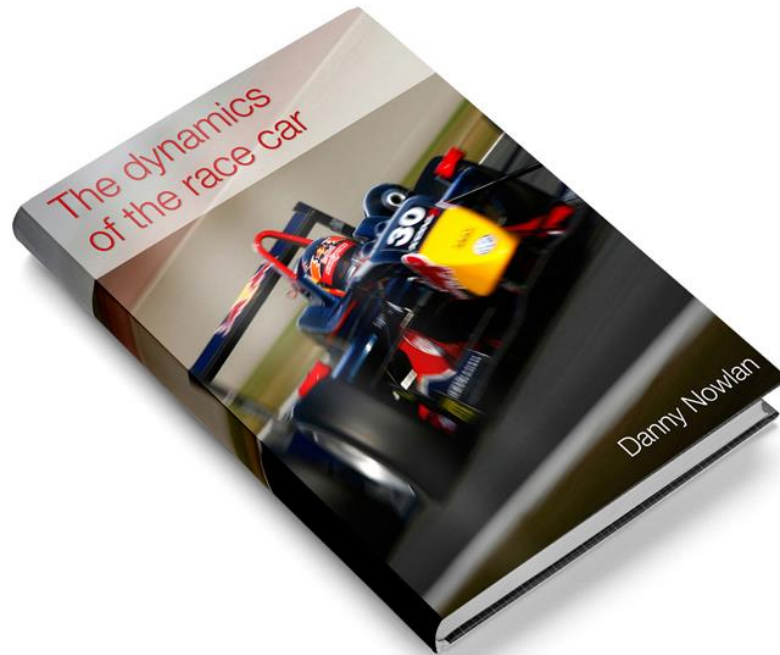


Introducing the ‘The dynamics of the race car’ ebook



ChassisSim is proud to announce the launch of the eBook, [“The Dynamics of the Race Car”](#) on Apple iBooks.

Do you want to know what makes a race car *fast* and how to apply these formulas to improve the outcome of your race car or the team’s race car?

This book explains vehicle dynamics and the formulas behind race car performance. It will also teach you how to analyse and review a vehicle dynamics setup and how to evaluate a driver’s performance using data from the race car.

This book is for;

- Data Engineers
- Race Car Engineers
- Chassis or Powertrain Engineers
- Trackside Engineers
- Crew Chiefs
- Formula SAE students
- *or*
- Engineering students wanting to work in motorsport or the automotive industry.

To read the first 20 pages for FREE please click the 'Get Sample' button under the book cover image.

These formulas can be applied to any race car or high performance road car, this includes stock cars, (Nascar, Dirt late model cars Touring cars and V8 Supercars) rally cars (World Rally car - WRC) hybrid and electric cars (Formula E), Open wheeler, (Formula 3, Formula 2, Formula Renault, Indy car, Hill climb, Clubmans, Formula Vee), Sports cars (GT3, LMP1, LMP2) and even prototypes.

Topics covered include;

- Suspension geometry
- Aerodynamic downforce and how to apply formulas to your own car
- Dampers, springs and roll bars
- Car stability control
- Racecar simulation
- The differential

To quote one of my customers who has been in **motor racing for over 35 years...**

"I don't know how I did my job before using race car simulation".

The book also covers real examples from the race track! Danny has improved the results and performance of a variety of race teams around the world, he has also been a regular contributor to Racecar Engineering for the past 11 years.

The eBook is available now and is only USD \$89.99 or an equivalent price in your in your local currency. The ebook is available for the iPad or Kindle readers.

To download/purchase the eBook please visit;

[- iBooks - The dynamics of the race car](#)

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This book will be an invaluable addition to your race engineering library.