

Workshop title: A new rational approach to the teaching of trigonometry in schools and colleges

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Workshop summary: I will outline a new approach to the teaching of trigonometry and geometry in schools and colleges. This approach has much in common with the work of the ancient Greeks, in particular Euclid's Elements. The workshop will introduce you to the main concepts of rational trigonometry, which are purely algebraic and much simpler than conventional trigonometry, and show you how to apply it in a variety of practical situations. The series of YouTube videos WildTrig found at user njwildberger goes into a lot more detail, this workshop can be viewed as an introduction to that series.