

Chapter 10 Trigonometric Addition Formulas

Formulas for $\cos(\alpha \pm \beta)$ http://www.khanacademy.org/math/trigonometry/less-basic-trigonometry/trig_iden_tutorial/v/proof--sin-a-b-----cos-a--sin-b-----sin-a--cos-b

Formulas for $\sin(\alpha \pm \beta)$ http://www.khanacademy.org/math/trigonometry/less-basic-trigonometry/trig_iden_tutorial/v/proof--sin-a-b-----cos-a--sin-b-----sin-a--cos-b

Double Angle Formula for Cosine http://www.khanacademy.org/math/trigonometry/less-basic-trigonometry/trig_iden_tutorial/v/double-angle-formula-for-cosine-example-c

Chapter 11 Polar Coordinates and Complex Numbers

Intro to Polar Coordinates

http://www.khanacademy.org/math/trigonometry/parametric_equations/polar_coor/v/polar-coordinates-1

Conversion from Cartesian to Polar Coordinates

http://www.khanacademy.org/math/trigonometry/parametric_equations/polar_coor/v/polar-coordinates-2

Converting between Cartesian and Polar functions

http://www.khanacademy.org/math/trigonometry/parametric_equations/polar_coor/v/polar-coordinates-3

Powers of Complex Numbers

http://www.khanacademy.org/math/trigonometry/imaginary_complex_precalc/complex_analysis/e/powers_of_complex_numbers_1

Chapter 13 Finite Sequences and Series

Arithmetic Sequences and Series and their Sums

http://www.khanacademy.org/math/trigonometry/seq_induction/seq_and_series/v/explicit-and-recursive-definitions-of-sequences

http://www.khanacademy.org/math/trigonometry/seq_induction/seq_and_series/v/series-as-sum-of-sequence

Geometric Sequences and Series

http://www.khanacademy.org/math/trigonometry/seq_induction/prec calc-geometric-sequences/v/geometric-sequences--introduction

http://www.khanacademy.org/math/trigonometry/seq_induction/geometric-sequence-series/v/sigma-notation-sum

Recursive Definitions

http://www.khanacademy.org/math/trigonometry/seq_induction/recursive-functions/v/converting-an-explicit-function-to-a-recursive-function

Limits of Infinite Sequences

http://www.khanacademy.org/math/calculus/sequences_series_approx_calc/seq-conv-diverg/v/definition-of-limit-of-a-sequence-and-sequence-convergence

Sums of Infinite Series

http://www.khanacademy.org/math/trigonometry/seq_induction/advanced-sequences-series/v/series-sum-example

Sigma Notation for Sums

http://www.khanacademy.org/math/trigonometry/seq_induction/geometric-sequence-series/v/sigma-notation-sum

Chapter 19 Limits

Introduction to Limits

http://www.khanacademy.org/math/trigonometry/limit_topic_precalc/limits_precalc/v/introduction-to-limits--hd

Graphing Rational Functions

<http://www.khanacademy.org/math/algebra/rational-expressions/rational-function-graphing/v/asymptotes-of-rational-functions>