Math Camp: Complex Numbers

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Figure: f(z) = z



Figure: $f(z) = z^4$

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Figure: $f(z) = z^3 - 1$

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Figure: $f(z) = z^5 + z - 1 + \frac{1}{z}$

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Figure: $f(z) = \sin(z)$



Figure: $f(z) = \exp(z)$

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Figure: Möbius Transformation: $f(z) = \frac{z-i}{z+i}$

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Figure: Riemann-Zeta Function

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Figure: Weierstrass Function