File:Golden Ratio of the 8th order polynomial in one unknown.pdf

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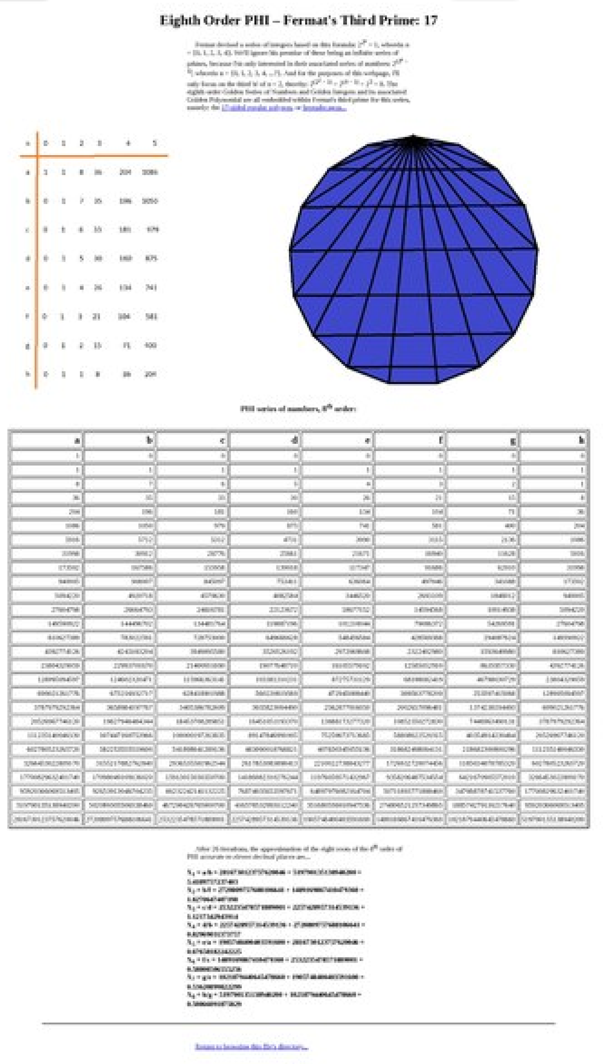

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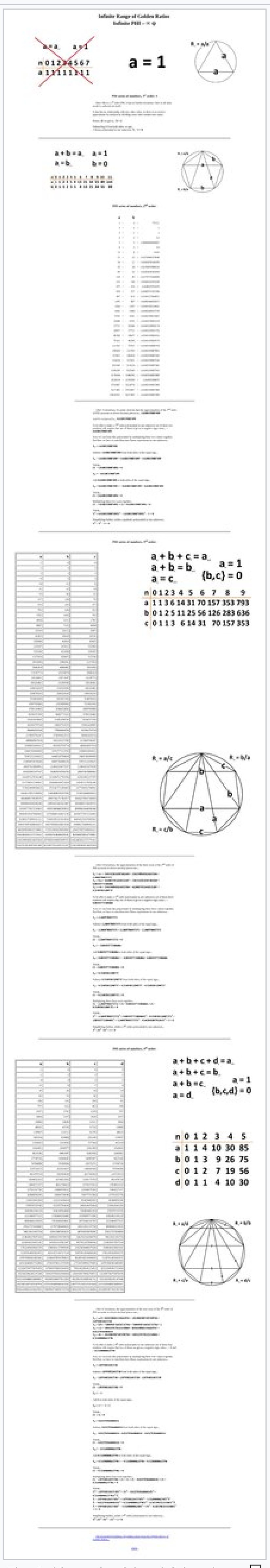
Captions Edit

English	A Golden Ratio from Fermat's third prime, the integer: 17.

Summary [edit]

Description	**English:** Fermat's third prime, the number 17, can form an equilateral polygon which contains proportional relations among the lengths of its side and its various diagonals which are the roots of an eighth order polynomial in one unknown. For comparison, the Golden ratio derived from the proportionalities among the Fibonacci series of numbers forms the additive and multiplicative reciprocal roots of a second order, quadratic polynomial.
Date	4 January 2023
Source	Own work
Author	Vinyasi



The Golden ratio of the eighth order polynomial is a subset of the Infinite Range of Golden Ratios.

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File history

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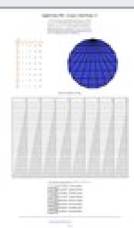
current	09:11, 5 January 2023		2,497 × 3,891 (287 KB)	Vinyasi (talk | contribs)	Uploaded own work with UploadWizard

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