Charles Louis Fefferman Encyclopedia Article

Charles Louis Fefferman

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Contents

Charles Louis Fefferman Encyclopedia Article.....1

Contents.....2

Charles Louis Fefferman.....3

Charles Louis Fefferman

1949-

American mathematician and child prodigy who became the youngest full professor ever appointed in the United States. Fefferman earned a Fields medal for his revolutionary study of multidimensional complex analysis, in which he found correct generalizations of low-dimensional results. He discovered important applications for Stefan Bergman's ideas on biholomorphic mappings. Fefferman has also made significant contributions to the study of partial differential equations, Fourier analysis, and Hardy spaces.