

“I like to think of mathematicians as forming a nation of our own without distinctions of geographical origin, race, creed, sex, age or even time. . . all dedicated to the most beautiful of the arts and sciences.”

—Julia Robinson

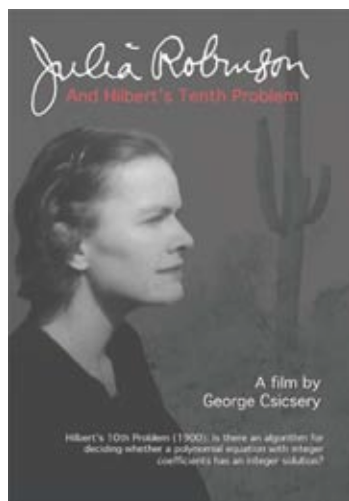
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JULIA ROBINSON AND HILBERT’S TENTH PROBLEM

A film by George Paul Csicsery

This is one of a kind—a completely entrancing, generously illustrated life of Julia Robinson, the first woman mathematician to be elected to the National Academy of Sciences as well as the first woman president of the American Mathematical Society.



In this film her life story is intertwined with her work on what is known as Hilbert’s Tenth Problem, a problem that he presented with twenty-two other significant problems at the International Congress of Mathematicians in 1900.

Seventy years later came the solution by a young Russian, Yuri Matiyasevich, which rested on more than twenty years of work by Julia and two other American mathematicians, Martin Davis and Hilary Putnam. This American-Russian solution was to breach an “Iron Curtain” that had divided the world of mathematics since World War II.



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This film was made possible by a grant from Margaret and Will Hearst and by generous support from the Clay Mathematics Institute.