Margaret H. Wright's

Here's a summary of the talk with additional details, including her studies and references:

Margaret H. Wright is a renowned mathematician known for her groundbreaking work in numerical optimization. She began her career at Bell Labs in 1969 and later became the first female chair of the Computer Science Department at NYU's Courant Institute in 2001. Wright is especially known for her contributions to interior-point methods and trust-region methods, which have had a profound impact on solving large-scale optimization problems. These methods are crucial in areas such as machine learning, scientific computing, and systems optimization, where they enable more efficient processing of complex problems.

Wright completed her undergraduate studies in mathematics at Stanford University in 1964, followed by a master's degree in computer science in 1968 and a Ph.D. in 1976. Her doctoral research focused on optimization methods, which shaped her later work in algorithm development. She has also been a strong advocate for diversity in STEM, supporting initiatives for women and minorities in mathematics.

To further explore the methods, she worked on:
- Interior-point methods:(https://en.wikipedia.org/wiki/Interior-point_method)
- Trust-region methods:
(https://optimization.mccormick.northwestern.edu/index.php/Trust-region_methods)

For more information on Margaret Wright's career, visit the
(https://celebratio.org/Wright_MH/article/769/).

(I used chatgpt for the summary)