1990 Mac Lane Lecture

University of Chicago Link to Bibliography.

[203] S. Mac Lane: Fifty years of “Mathematical Reviews”, 1990. AMS-MAA Joint Lecture Series (Louisville, KY, January 1990). American Mathematical Society (Providence, RI). Videocassette. MR 1104659

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Quotation from Google AI:

The lecture titled **"Fifty Years of Mathematical Reviews"** was delivered by American mathematician **Saunders Mac Lane** in January 1990 in Louisville, Kentucky. [1, 2, 3]

Key Details of the Lecture

- **Event:** AMS-MAA Joint Lecture Series during the Joint Mathematics Meetings. [1, 2]
- **Format:** A 60-minute videocassette published by the **American Mathematical Society (AMS)** in Providence, Rhode Island. [1, 2]
- **Subject:** An overview and retrospective of the history, development, and impact of *Mathematical Reviews*—the journal and database founded by the

AMS to review global published research in the mathematical sciences—spanning its first five decades.

- **Notable Themes:** Mac Lane examined how the publication tracked the explosive growth of modern mathematics, highlighted emerging research directions (such as identifying fields like mathematical geography and neural networks for future growth), and reflected on the community of scholars and reviewers who built the publication. [1, 2]

If you would like, I can share more details on **Saunders Mac Lane's biography**, his work co-founding **category theory** with Samuel Eilenberg, or how to access AMS historical archives.