Rolf Nevanlinna died in Helsinki on the 28th May 1980 at the age of 84. The 10th Rolf Nevanlinna Colloquium, planned to be held in Zürich in the autumn of 1980 on the occasion of his 85th birthday, was postponed and became a memorial conference. Organized by Kurt Strebel and Hans Künzi it was held at the University of Zürich on 5—6 March 1981. The program consisted of lectures describing Nevanlinna’s mathematical work and its later developments.

The present issue contains all these lectures, in the order they were given in the Colloquium:

Lehto, Olli, On the birth of the Nevanlinna theory
Carleson, Lennart, Estimates of harmonic measures
Fuchs, W. H. J., The development of the theory of deficient values since Nevanlinna
Ahlfors, Lars V., Riemann surfaces and small point sets
Toppila, Sakari, On Nevanlinna’s proximity function
Hayman, W. K., Some achievements of Nevanlinna theory
Pfluger, Albert, Über konforme Abbildungen des Einheitskreises
Rickman, Seppo, Value distribution of quasimeromorphic mappings
Wittich, H., Anwendungen der Wertverteilungslehre auf gewöhnliche Differentialgleichungen
Bleuler, Konrad, Differentialgeometrische Methoden in der Physik.

Besides, there is a list, prepared by Ilppo Simo Louhivaara, of Rolf Nevanlinna’s publications after 1976.

Helsinki, May 1981

Olli Lehto

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