

GENEALOGY DATABASE ENTRY

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Kolthoff, Isaak Maurits

1894 - 1993

DEGREE: PhD

DATE: 1918

PLACE: Utrecht

TEACHER/RESEARCH ADVISOR: Schoorl

studied acid-base titrations, including characteristics of indicators, pH paper, buffers, and pH electrodes; pioneered conductometric analyses, esp. end-point detection; coined the terms potentiometric titration and amperometric titration, and carried out many studies of these techniques; studied analytically important precipitates for gravimetric analyses; pioneer in use of radioactive indicators; studied kinetics of emulsion polymerizations; developed industrial method for the low temperature synthesis of rubber; wrote many monographs and textbooks.

1. *Anal. Chem.* **1984**, *56*, 248A-262A.
2. *Talanta* **1964**, *11*, 67-73.
3. *McGraw-Hill Modern Scientists and Engineers*; McGraw-Hill: 1980; vol. 2, p181-182.
4. *Chem. Eng. News* **1993**, *71(12)*, 77.