



UND School of Engineering and Mines

ACADEMY

Dr. Harry Nyquist



Born: February 7, 1889, Nilsby, Sweden

Education: UND BSEE 1914, MSEE 1915

Yale University, Ph.D 1917

Career Experience

1917-19 AT&T Engineering Dept.

1919-34 AT&T Development & Research

1934-54 AT&T Bell Laboratories

1954 Retired as Assistant Director of System Studies

In retirement undertook consulting for Lockheed Electronics, Bell Labs, DoD, Stravid Engineering and Maxon Corp.

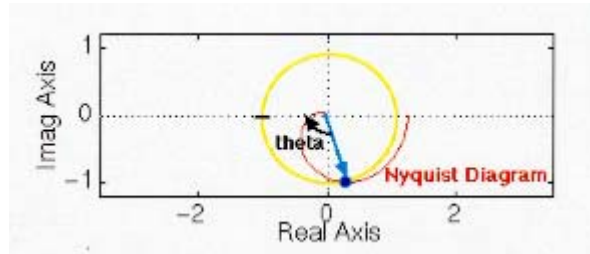
Accomplishments

Produced the first quantitative explanation of thermal noise for radio signal transmission

Invented the vestigial sideband transition system used in early television

Developed the famous Nyquist Diagram for determining the stability of feed-back systems

Received 138 patents



Awards

1960 The Medal of Honor of the Institute of Radio Engineers

1960 The Stuart Ballantine Medal of the Franklin Institute

1961 The M.J. Kelly Award of the American Institute of Electrical Engineers

1969 Founders Medal of the National Academy of Engineering

1975 Rufus Oldenburger Medal of the Society of Mechanical Engineers