NUMBER THEORY SEMINAR

An Irreducibility Criterion of Arthur Cohn

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<u>ABSTRACT</u>:

We begin by introducing an interesting irreducibility criterion, which is attributed to Arthur Cohn, for polynomials belonging to the ring $\mathbb{Z}[x]$. We will then take a look at generalizations of this criterion and discuss their consequences and applications in determining whether a polynomial is irreducible over a ring.

Any questions, please e-mail: rnoble@mathstat.dal.ca.