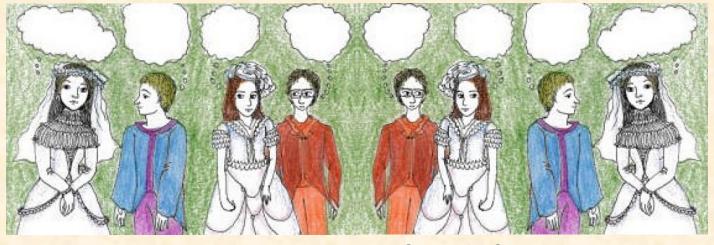
TIFR Founder's Day 2015



सब ने बना ली जोड़ी A matchless match

परबत के पीछे चम्बे दा गाँव गाँव में लड़कियाँ और लड़के रहते हैं नज़रें जाती हैं बहक, बस आँखें न होतीं चार बेचैन है सारा गाँव, है ये समस्या बड़ी दुश्वार Gale और Shapley का algorithm सुलझाएगा ये सवाल

स्वयंवर का होगा इंतज़ाम, जोड़ियाँ होंगी तैयार

क्या कोई रह जाएगा कुँवारा, आइए देखते हैं अंजाम Jaikumar Radhakrishnan



There are an equal number of eligible women and men in a village. They have their preferences. The village elders wish to match them up in such a way that no woman and man are tempted to leave the suggested match and instead join each other. In 1962, economists and mathematicians Gale and Shapley proposed an amazing algorithm to find a stable match. We will run this algorithm and observe a striking phenomenon that was only recently analysed. No prior experience with computer science, economics, mathematics or marriage will be necessary to follow the talk.

> Sunday, 1 November, 2.30pm Homi Bhabha Auditorium, TIFR

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