

Vakaa avioliitto ongelma

Anis Moubarik

Referaatti
Helsingin Yliopisto
Tietojenkäsittelytieteen laitos

Helsinki, 26. tammikuuta 2013

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| Tiedekunta — Fakultet — Faculty | | Laitos — Institution — Department | |
| Matemaattis-luonnontieteellinen | | Tietojenkäsittelytieteen laitos | |
| Tekijä — Författare — Author | | | |
| Anis Moubarik | | | |
| Työn nimi — Arbetets titel — Title | | | |
| Vakaa avioliitto ongelma | | | |
| Oppiaine — Läroämne — Subject | | | |
| Tietojenkäsittelytiede | | | |
| Työn laji — Arbetets art — Level | Aika — Datum — Month and year | | Sivumäärä — Sidoantal — Number of pages |
| Referaatti | 26. tammikuuta 2013 | | 2 |
| Tiivistelmä — Referat — Abstract | | | |
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1 Mikä on vakaa avioliitto ongelma

Avioliitto ongelmassa on kaksi erillistä joukkoa, N ja M , naiset ja miehet. Molempien joukkojen jäsenillä on mieltymykset joiden mukaan he haluavat pariutua toisen joukon alkioden kanssa. Vakaudella näiden joukkojen välisessä parituksessa tarkoitetaan sitä, että alkioille $n \in N$ ja $m \in M$ ei löydy vaihtoehtoista paritusta, jossa n ja m olisivat paremmassa asemassa, kun mitä he ovat pariutettuna.