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Curriculum Vitae

(September 2016)

## Publication List

### Theses

**t2.** Saei R. 2015. *Algorithmic and combinatorial problems on graph classes*. PhD dissertation, University of Bergen.

**t1.** Saei R. 2008. *Majority Domination Number in Graphs*. Master dissertation, Azarbaijan Shahid Madani University. (in Persian)

### Refereed Journal Publications

**[j11]** Manu Basavaraju, Pinar Heggernes, Pim van 't Hof, Reza Saei, and Yngve Villanger, *Maximal induced matchings in triangle-free graphs*, Journal of Graph Theory 83(3) (2016), 231-250.

**j10.** Henning Fernau, Pinar Heggernes, Pim van 't Hof, Daniel Meister, and Reza Saei, *Computing the metric dimension for chain graphs*, Information Processing Letters **115(9)** (2015), 671 – 676.

**j9.** Pinar Heggernes, Pim van 't Hof, Erik Jan van Leeuwen, and Reza Saei, *Finding Disjoint Paths in Split Graphs*, Theory of Computing Systems **57(1)** (2015), 140 – 159.

**j8.** Rémy Belmonte, Pinar Heggernes, Pim van 't Hof, Arash Rafiey, and Reza Saei, *Graph classes and Ramsey numbers*, Discrete Applied Mathematics **173** (2014), 16 – 27.

**j7.** Petr Golovach, Pinar Heggernes, Dieter Kratsch, and Reza Saei, *Subset feedback vertex sets in chordal graphs*, Journal of Discrete Algorithms **26** (2014), 7 – 15.

**j6.** R. Saei, A. Khodkar, and S.M. Sheikholeslami, *Signed edge  $k$ -subdomination numbers in graphs*, Ars Combinatoria **109** (2013), 129 – 141.

**j5.** A.N. Ghameshlou, R. Saei, and S.M. Sheikholeslami, *Minus edge  $k$ -subdomination numbers in graphs*, AKCE International Journal of Graphs and Combinatorics **8** (2011), 1 – 11.

**j4.** A.N. Ghameshlou, R. Saei, S.M. Sheikholeslami, and L. Volkmann, *Signed  $(b,k)$ -matchings in graphs*, An. Şt. Univ. Ovidius Constanţa **18** (2010), 127 – 138.

**j3.** A.N. Ghameshlou, A. Khodkar, R. Saei, and S.M. Sheikholeslami, *Signed  $(b,k)$ -edge covers in graphs*, Intelligent Information Management **2** (2010), 143 – 148.

**j2.** A.N. Ghameshlou, A. Khodkar, R. Saei, and S.M. Sheikholeslami, *Negative  $k$ -subdecision number of a graph*, AKCE International Journal of Graphs and Combinatorics **6** (2009), 361 – 371-

**j1.** R. Saei, S.M. Sheikholeslami, *Signed star  $k$ -subdomination numbers in graphs*, Discrete Applied Mathematics **156** (2008), 3066 – 3070.

### Refereed Conference Publications

**c4.** Manu Basavaraju, Pinar Heggernes, Pim van 't Hof, Reza Saei, and Yngve Villanger, *Maximal induced matchings in triangle-free graphs*, WG 2014, LNCS 8747: 93 – 104, Springer.

**c3.** Pinar Heggernes, Pim van 't Hof, Erik Jan van Leeuwen, and Reza Saei, *Finding Disjoint Paths in Split Graphs*, SOFSEM 2014, LNCS 8327: 315 – 326, Springer.

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**c2.** Petr Golovach, Pinar Heggernes, Dieter Kratsch, and Reza Saei, *An exact algorithm for Subset Feedback Vertex Set on chordal graphs*, IPEC 2012, LNCS 7535: 85 – 96, Springer.

**c1.** Rémy Belmonte, Pinar Heggernes, Pim van 't Hof, and Reza Saei, *Ramsey numbers for line graphs and perfect graphs*, COCOON 2012, (Best Paper Award), LNCS 7434: 204 – 215, Springer.

#### Non-Refereed Publications

**n1.** Manu Basavaraju, Pinar Heggernes, Pim van 't Hof, Reza Saei, and Yngve Villanger, *Maximal induced matchings in triangle-free graph*, Arxiv: CoRR abs/1312.5180 (2013).

#### Submitted Journal Papers

**s1.** Henning Fernau, Pinar Heggernes, Daniel Meister, and Reza Saei, *Covering the edges of bipartite graphs by cycles of length 4*.

#### Preprints

**p1.** Manu Basavaraju, Erik Jan van Leeuwen, and Reza Saei, *Maximal induced matchings in Planar graphs*.