

An Algorithm for Multi-Attribute Diverse Matching



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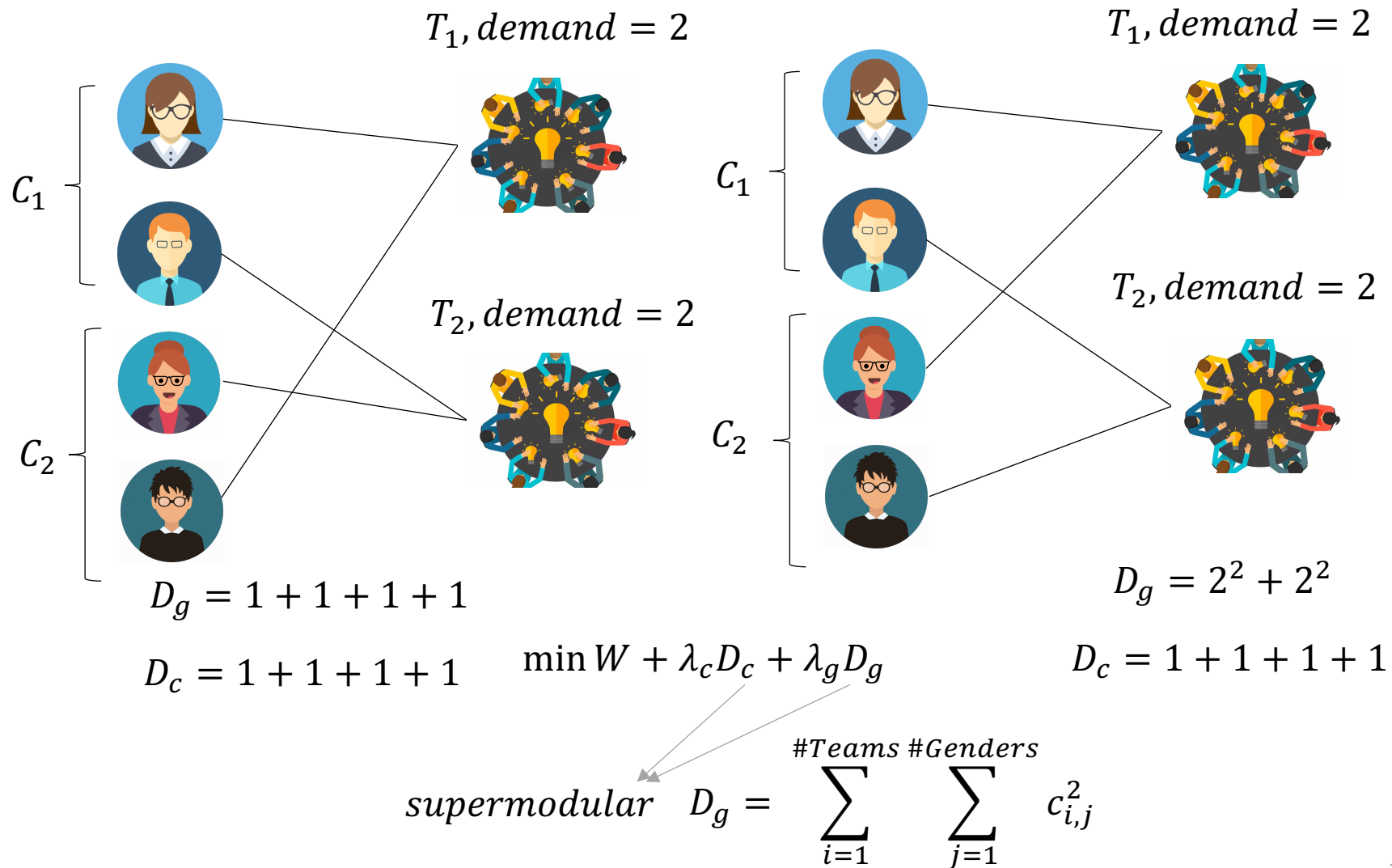


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Diverse b-matching



Our results

	One Feature	Arbitrary # Features
Ahmed, Dickerson, Fuge-2017	MIQP	
Our work		NP-hard Pseudo-polynomial time

A Negative Cycle Detection Algorithm

```
While ( $\exists$  a beneficial exchange of people between teams keeping team demands satisfied){  
    exchange the people between teams.  
}
```

Open question:

- Fast approximate algorithms?
- Extend our framework to other diversity functions.