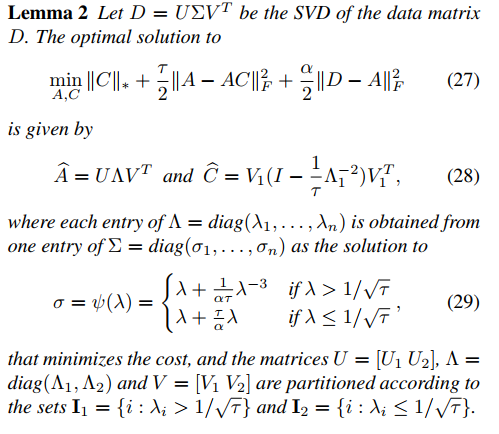
**Update**

It has closed-form solution, as following

**Update ,**

Take derivative and it is

->

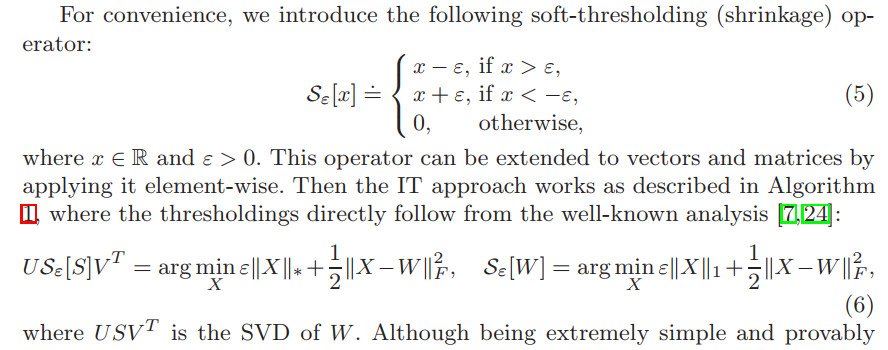
->

->

Sylvester solver

If , updating will not exist

**Update ,**



If

**Update**

Take derivative

If

**Update ,**

**Update ,**

**Update ,**