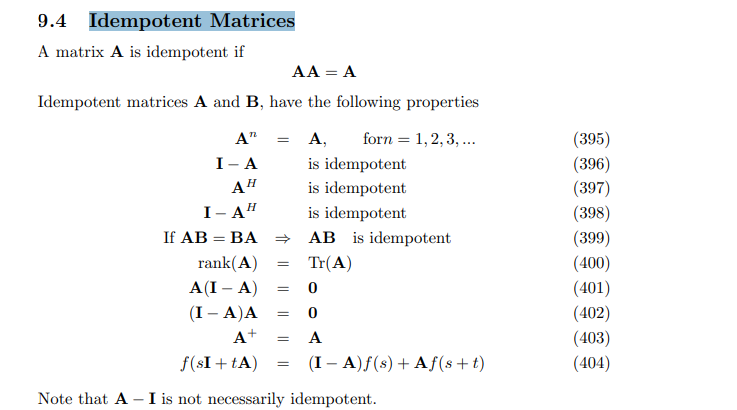
Idempotent Matrix

Def

=

Property



Proof

Proof by induction

Base step

=

Inductive step

By inductive hypothesis, on has

=

which implies

=>===

===

===

= ==

Ref

[Wayback Machine (archive.org)](https://web.archive.org/web/20090521075124/http://www2.imm.dtu.dk/pubdb/views/edoc_download.php/3274/pdf/imm3274.pdf)