Approximation as Differentiation notes

ACM Reference Format:

Author's address: Permission to make digital or hard copies of all or part of this work for personal or classroom use is granted without fee provided that copies are not

Manuscript submitted to ACM

made or distributed for profit or commercial advantage and that copies bear this notice and the full citation on the first page. Copyrights for components of this work owned by others than ACM must be honored. Abstracting with credit is permitted. To copy otherwise, or republish, to post on servers or to

redistribute to lists, requires prior specific permission and/or a fee. Request permissions from permissions@acm.org.

© 2025 Association for Computing Machinery.

Manuscript submitted to ACM