

# Tape optimization using Activity-Tracking variables

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## Differentiation preliminaries

- function source code in a supported programming language
- independent and dependent variables
- AD-tool based on Operator Overloading (internal function representation)







## Activation strategies

1. redefinition of all variables to be of active d89(rta)-333(t)28(yt)-28



































# Activity-Tracking and ADOL-C

















## Location assignment - Example

Operation

contents index

location



































