



ECOLE
POLYTECHNIQUE
DE BRUXELLES

TITRE DU DESSUS

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ECOLE POLYTECHNIQUE DE BRUXELLES

Neutron transport

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info 2:
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info 3:
oui3

un jour peut-être

Table des matières

| | |
|----------------------------|---|
| 0.1 Introduction | 1 |
|----------------------------|---|

0.1 Introduction

In this work aims at assessing the transmission probability for a particule beam pointing on a infinite shielding. For that purpose a Monte Carlo method is used. Monte Carlo algorithms are a categorie of algorithms estimating values using stochastic processes.

First a simple Monte Carlo algorithm without any variance reduction technique was implemented.