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**Multiplicity Characteristics of Backward
Particles Production in the Interactions of High
Energy ${}^6\text{Li}$ and ${}^7\text{Li}$ With Emulsion Nuclei**

A Thesis Presented

By

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Submitted

To

**Faculty of Science
Cairo University**

For

**The Degree of Doctor of Philosophy in Science
(Nuclear Physics)**

(2001)

2000

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ
وَعَلَّمَ آدَمَ الْأَسْمَاءَ كُلَّهَا ثُمَّ عَرَضَهُمْ
عَلَى الْمَلَأِكَةِ فَقَالَ أَنْبِئُونِي
بِأَسْمَاءِ هَؤُلَاءِ إِنْ كُنْتُمْ صَادِقِينَ .
قَالُوا سُبْحَنَكَ لَا عِلْمَ لَنَا إِلَّا مَا عَلَّمْتَنَا
إِنَّكَ أَنْتَ الْعَلِيمُ الْحَكِيمُ

Approval Sheet

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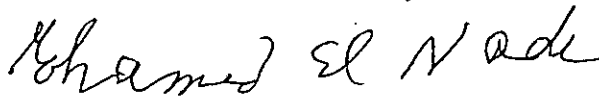
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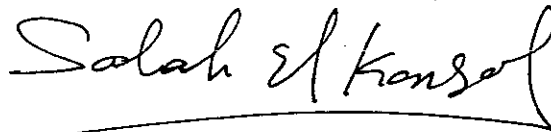
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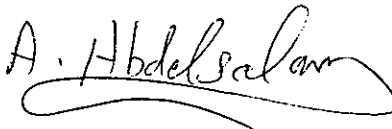


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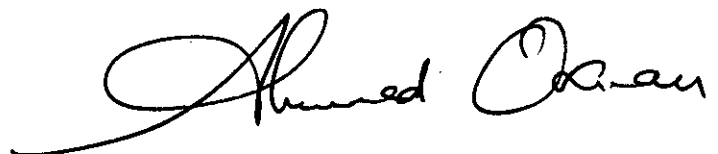


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To
My Mother

FORWARD

This work was carried out at Mohamed El-Nadi nuclear research center, experimental high energy physics laboratory, physics department, faculty of science, Cairo university, Egypt.

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