



Ain Shams University
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**PATTERNS FOR LIGHT REFRACTION OUTCOME
THROUGH GLASS CRYSTALS
AND ITS BENEFITS
TO BUILDING THE ORNAMENTAL PLATE**

**A Research Project Submitted For
The Fullfilment of the Requirment of Master Degree
of Artistic Education Specialization of Design**

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Abstract

The study is entitled Patterns for light refraction outcome through crystal glass and it's benefits for building the ornamental plate .

The study dealt with the element of light and its properties and stressed on the light refraction throughout crystal glass to ensure the efficacy of light formatting and the possibility of benefiting from it in forming the ornamental plate through patterns as a result of light refraction through crystal glass . The study enabled us to show different patterns as a result of its refraction with special prettiness and building .

Through studying the previous factors some application were made to exploit light refraction through crystal glass .

All these things were achieved and the accuracy of the assumption was proved .