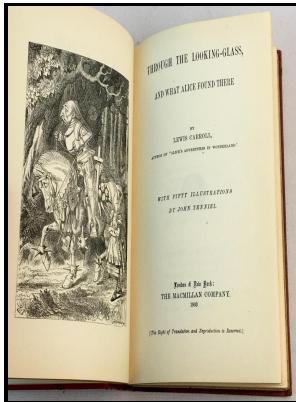


# Through the looking-glass, and what Alice found there

Macmillan - Through the Looking Glass (and What Alice Found There) on Apple Books



Description: -

- Through the looking-glass, and what Alice found there
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Notes: Reprint of 1887 edition.

This edition was published in 1976



Filesize: 18.27 MB

Tags: #Through #the #Looking

## Through the Looking Glass and What Alice Found There by Lewis Carroll, Signed

Beiliegend ein eigenhändiger Brief des aus der Verlegerfamilie Macmillan stammenden Autors Arthur T. Mathematically, we break down the symmetry of an object into those types of operations we can perform on the object without changing its appearance - called the symmetry operations. Pages are clean and the binding is tight.

### Through the looking

We intuitively understand that the more things you can do to an object - the more planes in which you can reflect it, the more ways in which you can rotate it - without changing its appearance, the more symmetrical it must be. Dunitz is a beautifully illustrated book explaining the role symmetry plays in our lives, including a discussion of the impact of symmetry on Alice's adventures through the looking-glass. Woodcut illustrations by Barry Moser.

## Through the Looking Glass and What Alice Found There by Lewis Carroll

Finally, there is also a three-fold rotoreflection axis coincident with the main axis of rotation.

## Through the Looking Glass and What Alice Found There

Turning the tap through  $90^\circ$  is a symmetry operation. There can be more than one rotation axis for an object, and if so the one with the most rotations before it returns the object to its original position will be called the main axis of rotation. The molecule also has three two-fold rotation axes labelled C<sub>2</sub> 1 to C<sub>2</sub> 3 each containing the P atom and one of the other F atoms. Oh, and I must tell you about all the! And in our darkest hour, before my final rhyme, she will come back home to Wonderland and turn back the hands of time.

### Alice Through the Looking Glass Quotes

How would you like to live in Looking-glass House, Kitty? The world inside the glass is marked out as a chess board, across which she must travel as a pawn.



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