



# Library Indian Institute of Science Education and Research Mohali



**DSpace@IISERMohali (/jspui/)**

**/ Publications of IISER Mohali (/jspui/handle/123456789/4)**

**/ Research Articles (/jspui/handle/123456789/9)**

Please use this identifier to cite or link to this item: <http://hdl.handle.net/123456789/2955>

|              |   |
|--------------|---|
| Title:       | Reversible complex hyperbolic isometries☆   |
| Authors:     | Gongopadhyay, Krishnendu (/jspui/browse?type=author&value=Gongopadhyay%2C+Krishnendu)   |
| Keywords:    | Reversible elements<br>Unitary group<br>Complex hyperbolic isometry   |
| Issue Date:  | 2013  |
| Publisher:   | Elsevier  |
| Citation:    | Linear Algebra and Its Applications, 438(6),pp.2728-2739.   |
| Abstract:    | Let $PU(n,1)$ denote the isometry group of the $n$ -dimensional complex hyperbolic space $H^n_C$ . An isometry $g$ is called reversible if $g$ is conjugate to $g^{-1}$ in $PU(n,1)$ . If $g$ can be expressed as a product of two involutions, it is called strongly reversible. We classify reversible and strongly reversible elements in $PU(n,1)$ . We also investigate reversibility and strong reversibility in $SU(n,1)$ .  |
| Description: | Only IISERM authors are available in the record.  |
| URI:         | <a href="https://www.sciencedirect.com/science/article/pii/S0024379512008361">https://www.sciencedirect.com/science/article/pii/S0024379512008361</a><br>( <a href="https://www.sciencedirect.com/science/article/pii/S0024379512008361">https://www.sciencedirect.com/science/article/pii/S0024379512008361</a> )<br><a href="http://hdl.handle.net/123456789/2955">http://hdl.handle.net/123456789/2955</a> ( <a href="http://hdl.handle.net/123456789/2955">http://hdl.handle.net/123456789/2955</a> ) |
| Appears in   | Research Articles (/jspui/handle/123456789/9)   |
| Collections: |   |

Files in This Item:

| File   | Description | Size       | Format               |   |
|--|-------------|------------|----------------------|---|
| Need to add pdf.odt<br>(/jspui/bitstream/123456789/2955/1/Need%20to%20add%20pdf.odt) |             | 8.63<br>kB | OpenDocument<br>Text | <a href="#">View/Open (/jspui/bitstream/123456789/2955/1/Need%20to%20add%20pdf.odt)</a> |

[Show full item record \(/jspui/handle/123456789/2955?mode=full\)](#)

[Statistics \(/jspui/handle/123456789/2955/statistics\)](#)

Items in DSpace are protected by copyright, with all rights reserved, unless otherwise indicated.