

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/123456789/1893
Title:	Heat engines at optimal power: Low-dissipation versus endoreversible model
Authors:	Johal, R.S. (/jspui/browse?type=author&value=Johal%2C+R.S.)
Keywords:	Heat engines optimal power Low-dissipation
Issue Date:	2017
Publisher:	APS
Citation:	Physical Review E, 96 (1)
Abstract:	The low-dissipation model and the endoreversible model of heat engines are two of the most commonly studiedmodels of machines in finite-time thermodynamics. In this paper we compare the performance characteristicsof these two models under optimal power output. We point out a basic equivalence between them, in the linearresponse regime
URI:	https://journals.aps.org/pre/pdf/10.1103/PhysRevE.96.012151 (https://journals.aps.org/pre/pdf/10.1103/PhysRevE.96.012151) http://hdl.handle.net/123456789/1893 (http://hdl.handle.net/123456789/1893)
Appears in Collections:	Research Articles (/jspui/handle/123456789/9)

Files	in	This	Item:

File	Description	Size	Format	
Need to add pdf.odt (/jspui/bitstream/123456789/1893/1/Need%20to%20add%20pdf.odt)		8.63 kB	OpenDocument Text	View/Open (/jspui/bitstream/12345

Show full item record (/jspui/handle/123456789/1893?mode=full)

■ (/jspui/handle/123456789/1893/statistics)

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