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Title:	Index Theory
Authors:	Yadav, Himanshu (/jspui/browse?type=author&value=Yadav%2C+Himanshu)
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Abstract:	In this thesis, I have discussed different types of operators and their indices. Beginning with basics of compact operators and their properties, I gave an exposition on Fredholm operators between Banach spaces. I have also shown that compact operators are the furthest from Fredholm operators in infinite dimensional space. And finally, I studied Toeplitz operators which are Fredholm operators with an invertible symbol.
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