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| | authors | <ul style="list-style-type: none">Alexander MenovschikovAlexander Ukhlov | authors | <ul style="list-style-type: none">Alexander MenovschikovAlexander Ukhlov | NOT DUPLICATES | 1875 |
| | title | Composition operators on Hardy-Sobolev spaces and BMO -quasiconformal mappings | title | Composition operators on Sobolev spaces, Q -mappings and weighted Sobolev inequalities | | |
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| | id | id3203733468094844746 | id | id-7302311913011216202 | | |
| | abstract | In this paper we consider composition operators on Hardy-Sobolev spaces in connections with BMO -quasiconformal mappings. Using the duality of Hardy spaces and BMO -spaces we prove that BMO -quasiconformal mappings generate bounded composition operators from Hardy-Sobolev spaces to Sobolev spaces. | abstract | In this paper we give connections between mappings which generate bounded composition operators on Sobolev spaces and Q -mappings. On this base we obtain measure distortion properties Q -homeomorphisms. Using the composition operators on Sobolev spaces we obtain weighted Sobolev inequalities with special weights which are Jacobians of Q -mappings. | | |
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