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ESSENTIAL NORM OF WEIGHTED COMPOSITION FOLLOWED AND PROCEEDED BY DIFFERENTIATION OPERATOR FROM BLOCH–TYPE INTO BERS–TYPE SPACES

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Abstract. We consider the weighted composition followed and proceeded by differentiation operator $DC_\varphi^u D$ from Bloch-type space B^α into Bers-type space H_β^∞. First, we give necessary and sufficient conditions for boundedness and compactness of this operator. Then, we obtain the essential norm estimate of such an operator in terms of u and φ.

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