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## Atomic Decompositions for Weak Hardy Spaces $w\{\mathcal{Q}\}_p$ and $w\{\mathcal{D}\}_p$

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**Abstract:** In this paper some necessary and sufficient conditions for new forms of atomic decompositions of weak martingale Hardy spaces  $w\mathcal{Q}_p$  and  $w\mathcal{D}_p$  are obtained.



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