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*On half-completion and bicompletion of quasi-metric spaces*

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**Abstract:** We characterize the quasi-metric spaces which have a quasi-metric half-completion and deduce that each paracompact co-stable quasi-metric space having a quasi-metric half-completion is metrizable. We also characterize the quasi-metric spaces whose bicompletion is quasi-metric and it is shown that the bicompletion of each quasi-metric compatible with a quasi-metrizable space  $X$  is quasi-metric if and only if  $X$  is finite.

**Keywords:** quasi-metric, quasi-uniform, half-completion, bicompletion, uniformly weakly regular

**AMS Subject Classification:** 54E50, 54E35, 54E15