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**Disentangling Federated Learning Heterogeneity: A Dual-Perspective Analysis of Quantifying Skew versus Scarcity**

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**Dong Yuan, Nan Yang**

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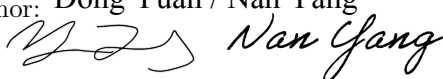
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