ULTRAFILTERS THROUGHOUT MATHEMATICS
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ERRATA AND UPDATES

- In Question 9.8.4, it was asked if one can prove in ZFC that Hausdorff ultrafilters exist. The question is now known to have a negative answer as shown by J. Cancino-Manríquez in *Every maximal ideal may be Katetov above of all F_σ ideals*, Transactions of the American Mathematical Society, Volume 375 (2022), 1861-1881.