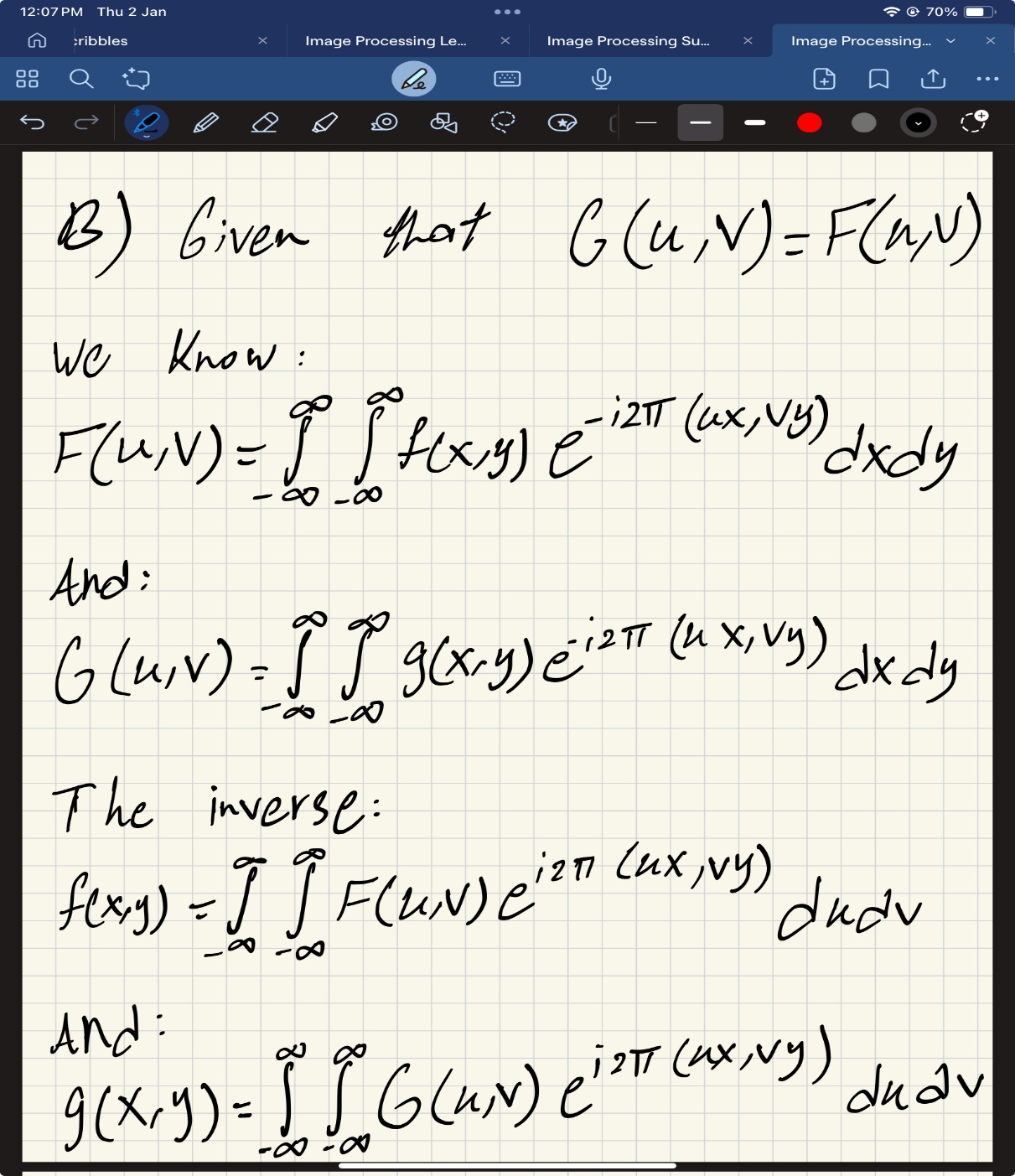
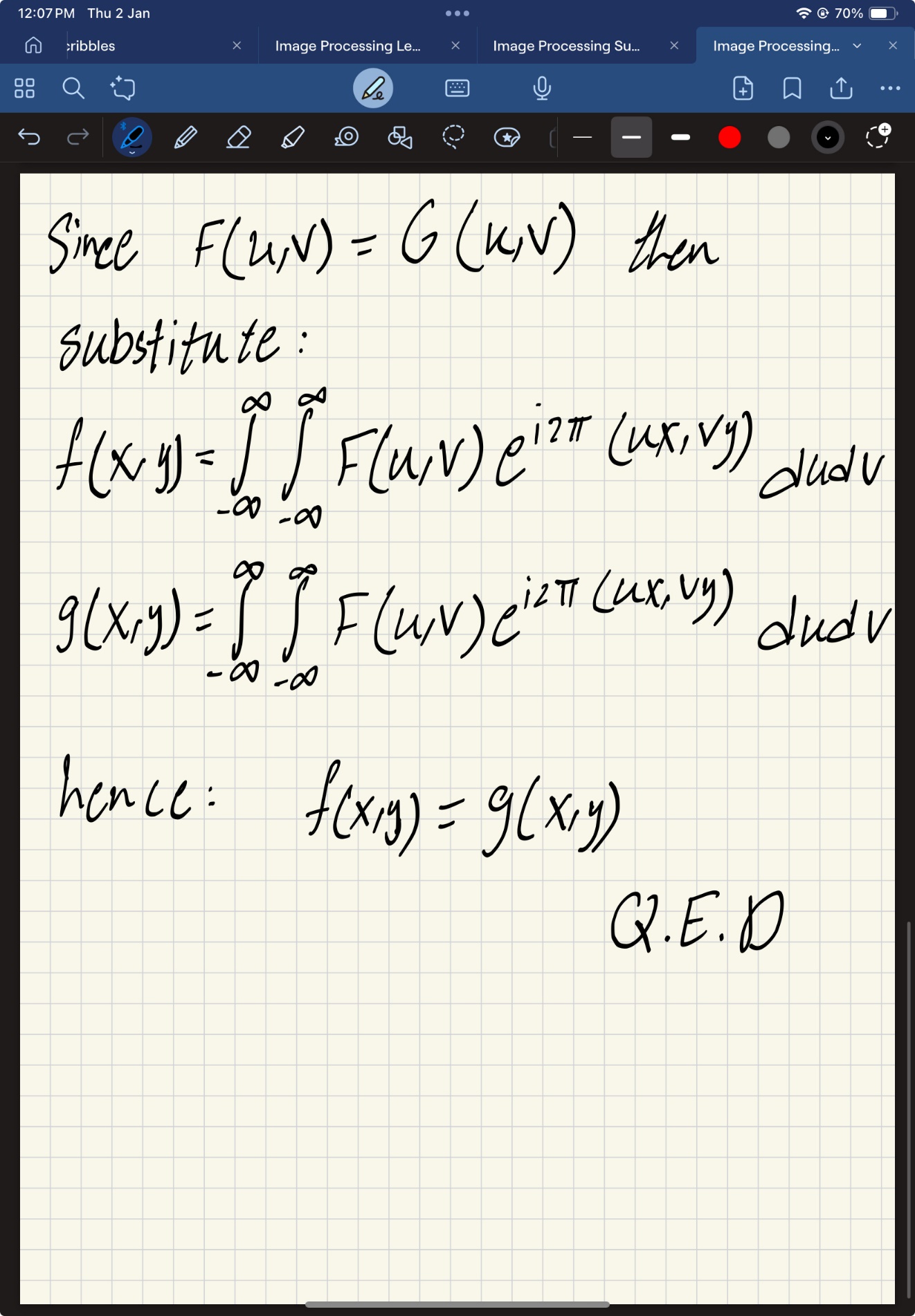
**Problem 1 – Understanding Fourier:**

**A)**

**Geometric operations with interpolation is generally better for most practical applications. It is faster, easier to use, and sufficient for most tasks.**

**While the fourier transform is more suitable for specialized cases for example when the precision in the frequency domain is critical, geometric operations in most cases are preferred due to their efficiency and simplicity and they are for general use.**

**B)**

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**Problem 2 – Scaling the Zebra:**