The revision is fine. Here are some optional suggestions to improve it.

1. There are several references to 'the fast transform' of equation (25c). It would be nice to have a name for it, maybe 'the fast Bayesian transform' or some term to distinguish it from 'fast Fourier transform' that readers might expect. Of course if it is just an FFT, then you should call it that.

2. There are a few places where switching from 2 column to 1 column would make the formulas nicer (if that is allowed). E.g., Appendix A and the proof of Theorem 1 both have lots of awkwardly split lines.

3. p11: The Keister's example → Keister's example

4. Right after that sentence, say that these three integrands are defined below, so people know they'll be told about those functions and are not expected to just know them.

5. p12: the Sidi's C^1 → Sidi's C^1

6. p13: the Baker's → the baker's
   because it is not about a person called Baker, but about the profession baker.

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