1024 Digital Way

Baltimore, MD 21229



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TO: ACME Chief Engineer E.F. Charles Laberge, PhD

FROM: GuPS1 (written by Natalie Morningstar)

SUBJECT: Demo 1 Script



**GuPS1 Demo 1 Script**

1. **Algorithm Comparisons​**
   1. **Phase vocoder algorithms​**
      1. PitchShifter
      2. PhaseVocoder
      3. PVOC
   2. **Time domain algorithms​**
      1. Cosine Modulator
      2. Upshifter
   3. **Algorithm Trade-Offs​**
2. **User GUI​**
3. **Pitch detection algorithm​**
   1. **Pitch detection data​**
   2. **Developers GUI**