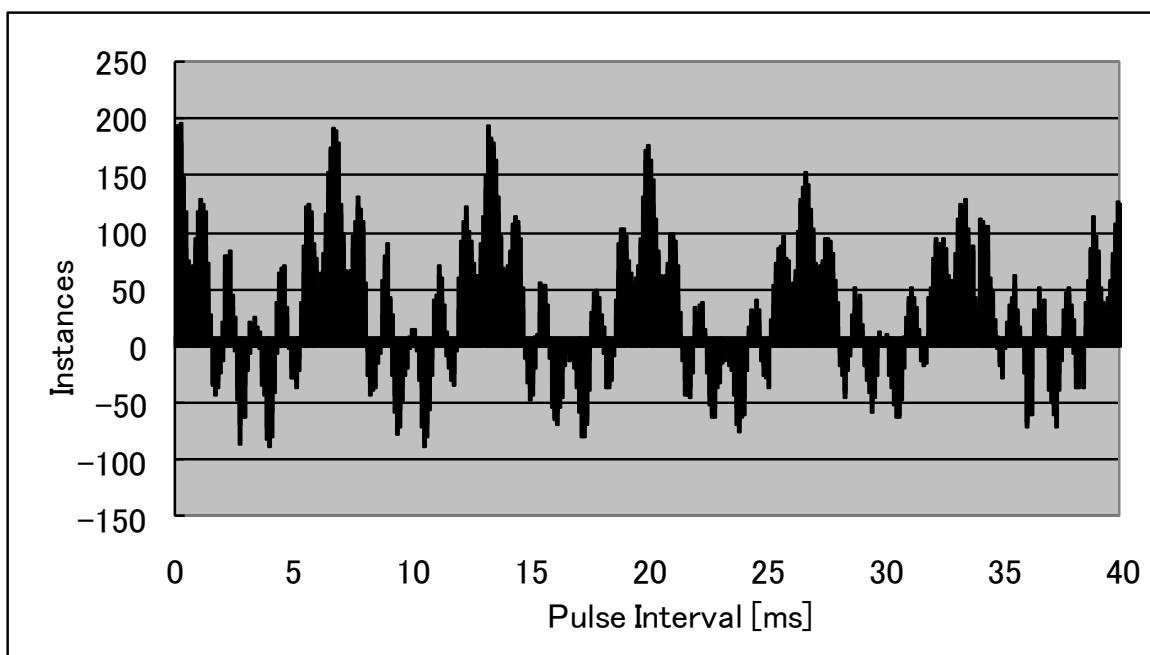


**Fig 6. The interspike interval histograms for two pure tones
[The experiments (1)]**



**Fig 7. The interspike interval histograms
[The results of the subtraction of Fig 6 from Fig 5]**

4 Conclusions

Subjects have perceived the missing fundamental f_0 more easily in the psycho-acoustic experiment for two complex tones than for two pure tones. The reason has been made clear by the consideration using cochlear models.

The research results of the mechanism generating the missing fundamental can be applied to the followings. They are the research of forming neural networks for perception in the auditory system, the improving cochlear implant, realizing electron water mark, etc..

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