Subject: Beat frequencies and Hetrodyning
Posted by Wayne Parham on Wed, 07 May 2003 16:27:52 GMT
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The subharmonics that are produced are probably caused by hetrodyning which causes two tones to form a second pair of tones, one being a difference between the two and the other being the sum.Here's a link about the Theramin, which also uses this property. Of course, the Theramin is an electronic device and the violin is acoustic, but the underlying process applies to both.