Subject: emf in speakers
Posted by gofar99 on Mon, 18 Nov 2024 01:30:23 GMT
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Hi everyone. Pop on the thinking caps.Typical voice coil speakers develop a voltage when they return to rest after being pulsed by audio. The spring back of the cone inside the magnetic filed will produce a voltage. This is part of the reason that amplifiers have what is known as a damping factor. It is supposed to short out the voltage to varying degrees. Higher damping factors are supposed to be better at this than lower ones. The question that occurred to me this morning was do electrostatic speakers generate an emf in a similar manner. Since they are largely capacitive (and not inductive) I suspect they might. Does anyone know?