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$\begin{gathered}\text { Minerals } \\ \text { marked or }\end{gathered}$ or labeled (8624) W. A. H. asks: We have fre and very little thunder. We have again heavy crashes of thunder. Will you kindly explain the causes of these two phenomena: at any one time the thunder re-echoes loud
and at another time it does not. The difference and at another time it does not. The differenc
is perhaps due to the density of the clouds. earth and confine it more than a thin cloud with masses of varying density near each die out. This is usually the case in a thun-der-storm to such an extent that the thunder
tarting point. Such considerations may help
(8625) C. B. H. asks: 1. How does the oil on the stormy water produce a smoor surface? Is it surface tension of the oil, or
does it prevent the wind taking hold of the rest? A. Barker in his textbook on physic
says: "Besides the surface tension of liquids, surfaces, called surface viscosity, which is in dependent of surface tension. Owing to th
much greater viscosity of the superficial filn of liquids over that of the interior, this film is very hard to break. Soap solution has high
surface viscosity and low surface tension, and hence is easily blown into bubbles. To a lik
increase of superficial viscosity and decrease o
urface tension is due the stilling effect of upon a rough sea," the stilling efin the little lectro-plating dynamo described in "Experi-
mental Science," page 494. I would like to know: What voltage it gives at what speed
What is its internal resistance? How should its internal resistance then be? To what ex (with as little loss of power as possible) by using egret that we mentioned on page 497? A. lectro-plating dynamo on page 494 of "Experimental Science." 'The machine has been built and has successfully plated small articles.
Further we do not know. 3. Is the result
worth the time and trouble in making carbon ods and plates as described on page 705,

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