Conclusion

The concepts and relations outlined in this article can be applied to all flow phenomena, quantitatively in some cases, and only qualitatively in others. A few additional fields of application that suggest themselves are creep phenomena in metals, diffusion in both liquids and crystals, the viscosity of solutions of all sorts, including solutions of rubber, proteins, cellulose esters, and other large molecules, and the electrical conductivity of glasses, liquids and solutions containing ions.

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The Commissioners of the 1851 Exhibition made a good choice when they elected Rutherford as a scholar. Indeed, has any money ever been better invested? This award enabled Rutherford to go to the Cavendish Laboratory at Cambridge.

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