

tion Transition Probabilities, *Canadian Journal of Physics* 32, 468-474, 1954, R. G. Turner et R. W. Nicholls. *An Experimental Study of Band Intensities in the First Positive System of N₂, II. The Transition Moment*, *Canadian Journal of Physics* 32, 475-479, 1954, R. G. Turner et R. W. Nicholls. *An Experimental Study of Band Intensities in the First Positive System of N₂, III. Quantitative Treatment of Eye Estimates*, *Canadian Journal of Physics* 32, 722-725, 1954, R. W. Nicholls. *Application of Nuclear Coincidence Methods to Atomic Transition in the Wavelength LL 2000-6000Å*. *Nature*, 175, 810, 1955, Eric Brannen, F. R. Hunt, R. H. Addington et R. W. Nicholls. *The Interpretation of Intensity Distributions in the N₂ Second Positive and N₂⁺, First Negative Band Systems*, *Journal of Atmospheric and Terrestrial Physics* 7, 101-105, 1955, L. U. Wallace et R. W. Nicholls. *The Interpretation of Intensity Distribution in CN Violet, C₂ Swan, OH Violet and O₂ Schumann-Runge Band Systems by Use of their r-Centroids and Franck-Condon Factors*. *Proceedings of the Physical Society* A69, 741-753, 1956, R. W. Nicholls. *Molecular Band Intensities and their Interpretation «The Airglow and the Aurorae»*, Ed. A. Dalgarno, pp. 302-23 (Pergamon Press 1956) R. W. Nicholls. *An Experimental Study of Band Intensities in the CN Red System*, *Canadian Journal of Physics* 36, 127-133, 1958, R. N. Dixon et R. W. Nicholls. *Studies upon Transitional Probabilities and Molecular Excitation*. *Annales de géophysique* 14, 208-224, 1958. R. W. Nicholls. *Intensity Measurements on the O₂⁺ Second Negative, CO Angstrom and Third Positive and NO Gamma and Beta Molecular Band Systems*. *Proceedings of the Physical Society* 71, 957-964, 1958, D. Robinson et R. W. Nicholls. *Intensity Measurements of Molecular Spectra and their Evaluations*, *Proceedings of the Fifth Meeting and Conference of the International Commission for Optics: Stockholm, août 1959*, Communication n° 62, pp. 1-7, R. W. Nicholls. *The Interpretation of Intensity Distributions in the N₂ Lyman-Birge-Hopfield and CO Fourth Positive Systems*, *Nature* 186, 958-959, 1960, R. W. Nicholls. *Intensity Measurements of the CO⁺ Comet Tail and BO_a and B Molecular Band Systems*, *Proceedings of the Physical Society*, 75, 817-825, 1960. D. Robinson et R. W. Nicholls. *Intensity Measurements in Emission on 29 Bands of the O⁺ Schumann-Runge System*. *Proceedings of the Physical Society* 78, 1024-1037, 1961, G. R. Hebert et R. W. Nicholls. *The L 27633A (O,9) Band of the O₂ Schumann-Runge System*, *Journal of Atmospheric and Terrestrial Physics* 21, 213-215, 1961, R. G. Hebert et R. W. Nicholls. *Intensity Measurements on Overlapped Bands*, *Journal of Quantitative Spectroscopy and Radiative Transfer*, 1, 76-87, 1961, D. Robinson et R. W. Nicholls. *Radiative Properties of High Temperature Air*, *Journal of Quantitative Spectroscopy and Radiative Transfer* 1, 143-162, 1961, B. H. Armstrong, J. Sokoloff et R. W. Nicholls, D. H. Holland et R. E. Meyerott. *The Interpretation of Intensity Distribution in the N₂ Second Positive N₂⁺ First Negative Band System*, *Journal of Atmospheric and Terrestrial Physics—Erra* 24, 749, 1962, L. V. Wallace et R. W. Nicholls. *Allowed Transitions*, chapitre 2 d'«Atomic and Molecular Processes», pub. D. R. Bates (Academic Press, N. Y. 47-78, 1962), R. W. Nicholls et A. L. Stewart. *Laboratory Astrophysics*, *Journal of Quantitative Spectroscopy and Radiative Transfer*, 2, 433-449, 1962. R. W. Nicholls. *Intensity Measurements on Molecular Spectra* *Proceedings of International Symposium on Molecular Structure and Spectroscopy*, Tokyo, septembre 1962 (4 p.), R. W. Nicholls. *Photoelectric Measurements upon Bands of the Si N (B³Σ⁺ - X²Σ⁺) Spectrum*, *Canadian Journal of Physics* 41, 240-245 (1963), Anne E. Stevens et H. I. S. Ferguson. *Einstein A Coefficient, Oscillator Strengths and Absolute Band Strengths for the N₂ Second*