The following has been prepared by the daughter of W W Sawyer.

W.W. Sawyer

BOOKS, TRANSLATIONS

1. MATHEMATICIAN'S DELIGHT (Penguin, 1943) French, Pinnish, Japanese, Polish, Portuguese, Russian, Swedish.

2. MATHEMATICS IN THEORY AND PRACTICE (Odhams, 1952)

3. PRELUDE TO MATHEMATICS (Penguin, 1955) Dutch, French, Italian, Japanese, Polish, Russian.

4. DESIGNING AND MAKING (Blackwell, 1957)

5. A CONCRETE APPROACH TO ABSTRACT ALGEBRA (W.H.Freeman, 1959] Italian, Japanese.

6. WHAT IS CALCULUS ABOUT? (Yale University, 1961) Italian, Japanese, Swedish.

7. VISION IN ELEMENTARY MATHEMATICS (Penguin, 1964) Dutch, French, Italian, Polish, Rumanian.

8. A PATH TO MODERN MATHEMATICS (Penguin, 1966.) German, Japanese, Polish, Russian.

9. SEARCH FOR PATTERN (Penguin, 1970) Italian, Polish.

10. AN ENGINEERING APPROACH TO LINEAR ALGEBRA. (Cambridge University Press, 1972)

11. A FIRST LOOK AT NUMERICAL FUNCTIONAL ANALYSIS. (Oxford University Press, 1978)

12. In AN INTEGRATED MATHEMATICS SCHEME by Peter Kaner (Bell and Hyman) I wrote Books C, C2 (1982, 1985). Supplementary material for gifted pupils in secondary school.

.....

Dad worked with Wirtz and Botel, in the 1960's, I believe, and they published a text book which was used widely in Californian schools.

In the last 3 or 4 years, while Dad was with us in Canada, Dover published books #'s 1 and 7 in their Classics section. The Commonwealth Publishers in Taiwan wrote and asked to translate and print book #3 on the list, and this happened in 2006. #10 June 2008 Cambridge University Press asked permission to reproduce this digitally.

W.W.Sawyer.

MATHEMATICAL PAPERS.

1. "Second-order Focussing for the Mass Spectrograph", Proceedings of the Cambridge Philosophical Society, Vol. XXXII, part 3 (1936) pp. 454-460

2. "A Property of Certain Differential Equations", Quarterly Journal of Mathematics (Oxford) Vol. 15, No.57-58 (1944), pp. 34-39.

3. "Differential Equations with Polynomial Solutions", Quarterly Journal of Mathematics (Oxford) Vol. 20 (1949), pp.22-30.

4. "On Some Theorems of Silvia Noto", Rendicondi del Seminario Matematico, Universita di Torino, Vol. 90 (1949) pp. 173-177.

5. "On Polynomial Sequences Connnected with Differential Equations", Mathematische Nachrichten, 9. Band, Heft 5, (1953), pp. 279-280.

6. "On Determinants Associated with Hilbert's Inequality", Journal of the London Mathematical Society, Vol. 32 (1957), pp. 133-138

7. "On the Integral Equation $kf(x)=\int_1^n (x+y)^{-1} f(y)dy$", Journal of the London Mathematical Society, 34 (1959), pp. 451-453.

8. "Conjectures Related to the Hilbert Matrix", The Institute for Mathematics and its Applications, Vol. 22 (1986), pp. 38-40.

9. "Trigonometry Abstractly Treated", American Mathematical Monthly, Vol. LXIV, No. 10 (1957), pp. 734-737.

10. "Note About a Theorem Related to the Hilbert Matrix and to Hilbert's Inequality". Available on the Internet under www.marco-learning systems.com

11. "Quotients of Moment Functions", Mathematical Reports of the Academy of Science, Vol. XV, No. 5 (1993), pp. 181-186.

12. "On the Matrix with Elements 1/(r+s-1)", Canadian Mathematics Bulletin, Vo. 17, No. 2 (1974), pp. 297-298.

13. "Colour Perception and a Metric", The Mathematical Gazette, Vol. 65 (1981), pp. 54-56.

14. "Note of Hilbert's Matrix in n Dimensions; H with $h_{rs} = 1/(r+s-1)$" 1973. (Unpublished)

15. "Runs of Successes and Failures", The Mathematical Gazette, (n.d.), p.54.

16. "The Maxim of Doctor Kober", pp. 1-6 (Unpublished)

W.W.SAWYER

ARTICLES ON EDUCATION, A REVIEW AND MISCELLANY.

1. "Mathematics as History", in 'Mathematics in School', The Mathematical Association, London, Vol. 26 (1997), pp. 2-3.

2. "Catering for the Extremes", in 'Mathematics in School', The Mathematical Association, London, Vol. 24, No.2 (1995), pp. 28-30.

3. "Mathematics Emotions and Things", in 'Mathematics Teaching', The Association of Teachers of Mathematics, Derby, England, Vol. 142 (1993), pp. 16-19.

4. "Saturday Morning Mathematics in Cambridge", N.A,G.C. (National Association for Gifted Children), Newsletter, April 1981, pp.32-34.

5. "A Mathematician's Apology", by G.H. Hardy, Review in The Mathematical Gazette (n.d.) pp. 48-49.

6. "Intuitive Understanding of Mathematical Proof", The Institute of Mathematics and its Applications, Vol. 23 (1987), pp.61-62.

7. "Husks and Kernels", in 'Mathematics in School', The Mathematical Association,London, Vol.28, No. 1 (1999), pp. 38-39.

8. "Ostwald on Education", in 'Mathematics in School', The Mathematical Association, London, Vol. 10, No.2 (1981) pp. 28-33.

9. "Oscillations in Systems of Mathematical Education", The Institute of Mathematics and its Applications, 1978, pp. 259-262.

10. "What use are Abstract Spaces?", The Mathematical Gazette (n.d.) pp. 167-173.

11. "Two Avenues to Advance", The Institute of Mathematics and its Application, Vol. 16 (1980), pp.146-149.

12. "Some Thoughts on Examinations", in 'Mathematics Teaching', The Association of Teachers of Mathematics, (Canada?) No. 69 (1974), 3 pages.

13. "The Early Training of Mathematical Research Workers", Mathematics Magazine (n.p.) 1952.

14. "Some Thoughts on Education and Mathematics", Gifted Education International, Vol. 1 (1983) pp. 65-69.

15. "A European Education", (Place of publication and date missing)

16. "Some Experiences in Popularization", (Unpublished)

17. "The Contribution of Music to Mathematical Discovery",Mathematics Review (Coventry), Vol.1, No.2, (1990) pp.2-4.

18. "The Importance of the Unbelievable", Mathematics Review (Coventry) Vol. 2, No. 2 (1991) pp. 2-5.

19. "Algebra, the Cement of Mathematics", Mathematics Review (Coventry) Vol. 3, No. 2 (1992) pp.24-25.

In 2005 Dad said that anybody interested in the practical applications of Modern Mathematics will find essential information in article # 16. Modern math and its Critics also appears to never have been sent off to a publisher. I hope to post these on a web site one day.

20. "Einige Gedanken zum Algebraunterricht", MU (Journal unidentified), Vol. 2? (1978?), pp. 5-11.

21. "Notes on the Art of Organizing a Mathematical Renaissance", Education (London?) 1956, pp. 2-6.

22. "The Reconstruction of Mathematical Education", The Journal of Engineering Education, Vol. 51, No. 2 (1960), pp. 98-113.

MISCELLANY

1. Editor of 'The Mathematics Student Journal' (U.S.A.) Copies not included.

2. "The Work of W.W.Sawyer" by David M. Clarkson, in 'Mathematics Teaching' The Association of Teachers of Mathematics, England, Vol. 77,(1976) pp. 51-55.

3."The Game of Oware", Scripta Mathematica, Yeshiva University, Vol. XV, No. 2. (1949) pp.159-161.

4. "Intuitive Understanding", Mathematics in Schools, (Moscow) Issue 2, (1991), pp. 74-75. (Published in Russian. Written in honour of W.W. Sawyer on his 80th birthday.