Guide to the Richard Southall Papers

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Stanford University, Libraries. Department of Special Collections and University Archives
Stanford, California
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Overview

Call Number: SC1002
Creator: Southall, Richard
Title: Richard Southall papers
Dates: 1981-1986
Physical Description: 1.5 Linear feet
Language(s): The materials are in English.
Repository: Department of Special Collections and University Archives
Green Library
557 Escondido Mall
Stanford, CA 94305-6064
Email: specialcollections@stanford.edu
Phone: (650) 725-1022
URL: http://library.stanford.edu/spc
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Cite As
[identification of item], Richard Southall Papers (SC1002). Dept. of Special Collections and University Archives, Stanford University Libraries, Stanford, Calif.

Biographical Note
Richard Southall, lecturer in the Department of Typography and Graphic Communication at the University of Reading, England, worked with Donald Knuth at Stanford between 1983 and 1986 on the Metafont Project.

Scope and Contents note
These papers pertain to Southall’s work on METAfont and fall into four broad categories. The first concerns ‘the CMR project’: the revision undertaken by Southall and Stanford Prof D. E. Knuth in March and April 1982 of Knuth’s original design for the bold sanserif variant of the Computer Modern family of typefaces. The second consists of notes, teaching material, and products from the course in METAfont programming (CS279) that was given at Stanford in the summer of 1984 to introduce the new version of the METAfont language. The third category of material consists of notes and correspondence relating to the work of the digital typography group at Stanford from late 1983 until the beginning of the CS279 course in 1984. The fourth comprises development material, program listings, and tests for the two versions (known as TKMF and NMT) of Southall’s own METAfont font typeface design. This was begun in late 1983, revised in 1984 with the appearance of the new METAfont, continued at the Université Louis-Pasteur in Strasbourg in the summer of 1985, and eventually abandoned owing to the necessity for Southall to complete his report “Designing new typefaces with METAfont” (STAN-CS-85-1074) before leaving his post at Stanford.

Access Terms
Knuth, Donald Ervin, 1938-
Computer fonts.
METAfont (Computer system).
Type and type-founding--Data processing.
The CMR project files 1981-1982

Physical Description: 15 folder(s)
Language of Material: English

Box 1, Folder 1
- Correspondence between RS and M. Wrolstad, editor of "Visible language", concerning article by Knuth in that journal, and between RS and Donald E. Knuth, concerning RS's visits to Stanford in 1981 and 1982 1981-1982

Box 1, Folder 2
- Notes by RS made during his first visit to Stanford, March - April 1981-1982

Box 1, Folder 3
- Printouts of Scott Kim's programs for his Euler characters

Box 1, Folder 4
- Knuth's articles and responses to (photocopies)

Box 1, Folder 5-6
- Computer Modern and Monotype Modern Series 8A typefaces: originals, photographs, enlargements and paste-ups

Box 1, Folder 7
- RS's redesign of Computer Modern Sanserif Bold: test xeroxes

Box 1, Folder 8
- RS's redesign of Computer Modern Sanserif Bold: proofs, small letters

Box 1, Folder 9
- RS's redesign of Computer Modern Sanserif Bold: canon tests

Box 1, Folder 10
- RS's redesign of Computer Modern Sanserif Bold: drawings

Box 1, Folder 11
- RS's redesign of Computer Modern Sanserif Bold: development series

Box 1, Folder 12
- RS's redesign of Computer Modern Sanserif Bold: early work

Box 1, Folder 13
- RS's redesign of Computer Modern Sanserif Bold: alphatype tests

Box 1, Folder 14
- RS's redesign of Computer Modern Sanserif Bold: current proofs (caps)

Box 1, Folder 15
- RS's redesign of Computer Modern Sanserif Bold: miscellaneous proofs

TK design files 1984 and undated
Physical Description: 6 folder(s)
Language of Material: English

Box 2, Folder 1
- Proof mode and smokes

Box 2, Folder 2
- Smokes

Box 2, Folder 3
- Proof mode

Box 2, Folder 4
- Type proofs

Box 2, Folder 5
- RS drawings

Box 2, Folder 6
- Computer printout 1984

CS279 Metafont programming class files 1984
Physical Description: 3 folder(s)
Language of Material: English

Box 2, Folder 7
- Handouts and teaching materials

Box 2, Folder 8
- Printout of original version of “font1” program

Box 2, Folder 9
- Class picnic arrangements and proofs of ornaments produced by students

Digital Typography Group at Stanford 1983-1984
Physical Description: 2 folder(s)
Language of Material: English

Box 2, Folder 10-11
- RS's teaching notes; notes and memoranda of the group; program listings for RS's designs

Metafont Work by Richard Southall 1983-1986
Physical Description: 8 folder(s)

Box 2, Folder 12
- "Making a typeface with new Metafont" talk given to the TeX User Group meeting 1985

Box 2, Folder 13
- Drawings 1985

Box 3, Folder 1
- Illustrations for TUG [piece?] 1985

Box 3, Folder 2
- TSA's [Tamil?] - program list and examples undated

Box 3, Folder 3
- Drawings, proofs, and program listings of the 1983-84 version of the TKMF design 1985

Box 3, Folder 4
- Drawings, proofs, and program listings of the 1983-84 version of the TKMF design 1986
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<td>RS’s Metafont working notes at Stanford and Strasbourg 1985 April-1986 December</td>
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