

THE SFU PROGRAM SUITE

These programs are for analyzing luminescence data taken for optical dating or for thermoluminescence dating.

„ D.J.Huntley 1998

The suite consists of four programs as follows: Programs 2, 3 and 4 require that the data be in a specified format. Data that are in some other formats can be rewritten in this required format using program 1.

- 1) **SFF-MAKE** is a program to read data from files in various formats, normalize the data, print it, view it and plot it. However, the main purpose of this program is to create a new file in a particular format; this file is given an **.SFF** extension. Programs 2, 3 and 4 require that the data be in this particular format
- 2) **REGEN** is a program to fit additive-dose data and regeneration data to a single function using the "Australian Slide".
- 3) **INTCPT** is a program to fit
 - (a) additive-dose data only.
 - (b) additive-dose with the thermal transfer correction (for optical dating).
 - (c) additive-dose and partial bleach data (for TL dating).
 - (d) additive dose extrapolated to a constant intensity.
- 4) **b-VALUE** is a program to jointly fit additive-dose data (beta or gamma) and additive alpha dose data to a single curve, the scaling factor for the two dose scales being the b-value.

Each program is described in detail in the *manual*.

System Requirements and Options

Requirements: IBM compatible operating system operating under DOS or similar operating system. EGA, VGA or compatible monitor. If DOS is used from Windows, full-screen mode should be used.

Prices: The **SFF-MAKE** and **b-VALUE** programs are free. The **REGEN** and **INTCPT** programs are Canadian\$300 each, or both for \$450. To order please send prepayment or a purchase order from your institution to:

D.J.Huntley, Physics Dept., S.F.U., Burnaby, B.C., V5A 1S6, Canada.

For further information contact me at the above address, by fax at 604-291-3592 or by e-mail at huntley@sfu.ca.