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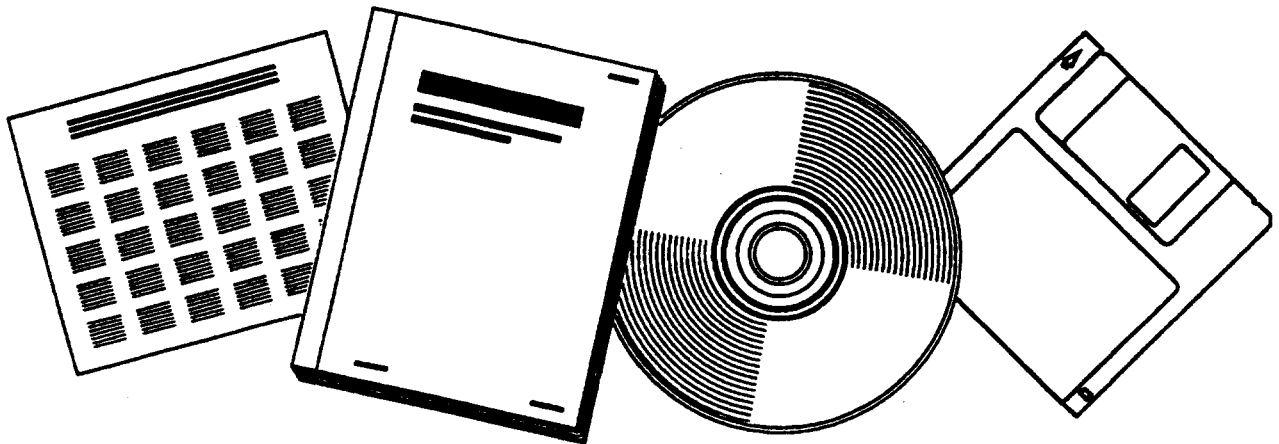
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**STUDY OF EBULLATED BED FLUID DYNAMICS.  
FINAL PROGRESS REPORT, SEPTEMBER 1980-JULY  
1983**

**ORIGINAL**

**AMOCO RESEARCH CENTER, NAPERVILLE, IL.  
RESEARCH AND DEVELOPMENT DEPT**

**JUL 1983**



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SEPTEMBER, 1980, TO JULY, 1983

R. J. SCHAEFER, D. N. RUNDELL, J. K. SHOU

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Appendix B starts on page 225 (not page 235)

Appendix C starts on page 235 (not page 245)

Appendix D starts on page 260 (not page 258)

Appendix E starts on page 282 (not page 280)

Appendix F starts on page 286 (not page 284)

Appendix G starts on page 303 (not page 301)

2) Page 25

Equation 10 should read:

$$S_i = \sqrt{\ln \left( \frac{\sigma_i^2}{T_m^2} + 1 \right)}, \text{ where } i = 1 \text{ and } 2$$

3) Page 25

Equation 11 should read:

$$C = C_0 + \frac{Q}{T \cdot s \cdot \sqrt{2\pi}} \exp \left[ - \frac{(\ln T - \ln T_m)^2}{2s^2} \right]$$

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