



Remark on Algorithm 723: Fresnel Integrals

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The subprogram

```
DOUBLE PRECISION FUNCTION DFREN1(MODE, X)
```

contains the lines

```
WANTG = NEEDG(MODE+4) .AND. .NOT. HAVEG
```

```
IF (WANTG) THEN
```

```
  IF (X .LE. 1.9D0) THEN
```

The third line should be testing on the variable AX. Without this change, symmetry is accurate only to nine digits.

REFERENCES

VAN SNYDER, W. 1993. Algorithm 723: Fresnel integrals. *ACM Trans. Math. Softw.* 19, 4 (Dec.), 452–456.

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