Journal of MATERIALS RESEARCH

"Figure This" Contest

In its first 5 years, *Journal of Materials Research* has received broad acceptance and excellent reviews—not least for its figure reproduction.

Below are 8 figures from past issues that reflect the breadth of JMR's interdisciplinary coverage. Test your own broad knowledge of materials research by matching the figures with appropriate captions—and *win a free book!*

Contest Rules

1. For each figure select the correct caption from the list provided and write that caption letter in the appropriate space.

2. Complete the Personal Data section and mail your entry to Materials Research Society, 9800 McKnight Road, Pittsburgh, PA 15237 U.S.A. Or, if you are attending the 1990 MRS Fall Meeting in Boston, turn in your entry at the JMR Desk. Photo copies of this form are acceptable.

3. Entries must be received by MRS no later than December 31, 1990 to be eligible. Winners shall include anyone who matches all figures with correct captions. As many as 50 winners will receive a gift certificate good toward the purchase of any book published by MRS. If more than 50 contestants have perfect scores, MRS will hold a random drawing to determine the 50 book recipients.

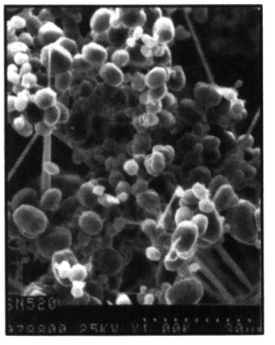
4. A list of winners and correct answers will appear in an upcoming issue of the *MRS Bulletin*. Winners will be notified by mail no later than January 31, 1991.

5. One entry per person.

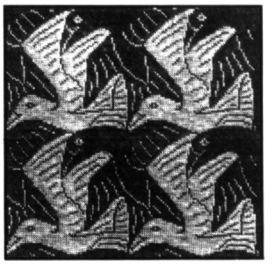
6. Feel free to consult your colleagues. JMR is, after all, an interdisciplinary journal!

The captions:

a. *Twins in lateral silicon epi*
b. *Anatase in titania*
c. *Polycrystalline diamond*
d. *Fractal dendrites*
e. *Sulfur flowers*
f. *Silicate birds*
g. *Silicon nitride crystallites*
h. *Holes in alumina*
i. *Nanophase material*
j. *Displacement cascades*
k. *Bariumaluminosilicate*
l. *Stress distortion in stencil mask*
m. *Fe precipitates on silica*
n. *Twins in YBaCuZnO*
o. *Resist pattern reticulation*
p. *Overlapping thermal spikes*



1. _____



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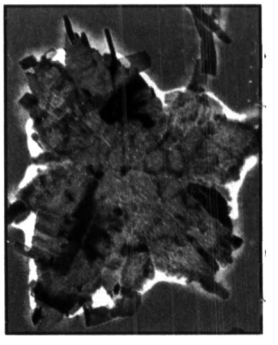

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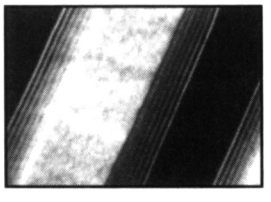

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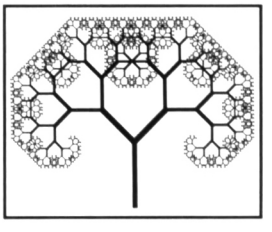

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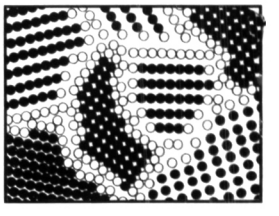

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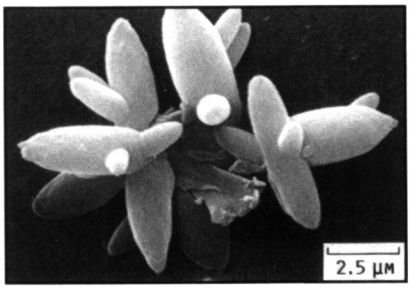

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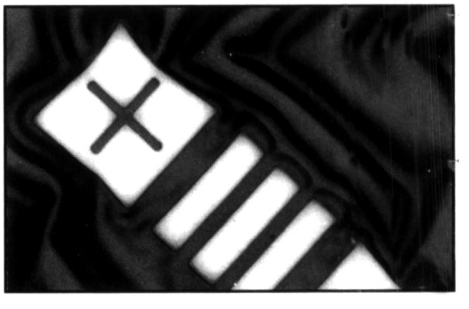

8. _____

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For further information on any of these articles or to subscribe to *Journal of Materials Research*, please contact the Materials Research Society, 9800 McKnight Road, Pittsburgh, PA 15237; telephone (412) 367-3003; telefax (412) 367-4373.

Send manuscripts for consideration in JMR to any one of the following:

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