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(1984; 1987).

(K, 1987; 2010).

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(2007).

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(2004; 2006).

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11. *fi* ... 063074— 063081.

12. *fi* ...

$\mathbb{Z}[\frac{1}{2}]$ is a subring of $\mathbb{Z}[\frac{1}{2}]$ (Exercise 1.5).
 Let $A = \mathbb{Z}[\frac{1}{2}]$ (Exercise 1.7.4), $B = \mathbb{Z}[\frac{1}{2}]$
 (Exercise 1.4.0), $C = A$, $D = \mathbb{Z}[\frac{1}{2}]$ (Exercise 5).
 Show that $A \subseteq B \subseteq C \subseteq D \subseteq A$.

\square

Let R be a ring. Let S be a subset of R . Let $\langle S \rangle$ be the subring of R generated by S . Let $\langle S \rangle$ be the subring of R generated by S . Let $\langle S \rangle$ be the subring of R generated by S .

