

## On relations induced by $(b, c)$ -inverses in rings

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**Abstract.** Motivated by results on minus, sharp, core and dual core partial orders, we define a binary relation in a ring, induced by  $(b, c)$ -inverses, in a quite similar way as mentioned partial orders. We prove that this relation is an equivalence relation and we investigate some of its properties.

**Keywords:**  $(b, c)$ -inverse; equivalence relation; ring.

### References

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