

CoCoA-5 - Bug #1237

ker: for PolyAlgHom from $QQ[x,y,z]$ to $QQ(t)$

15 Jan 2019 14:29 - John Abbott

| | | | |
|--|---------------------|------------------------|-------------|
| Status: | New | Start date: | 15 Jan 2019 |
| Priority: | Normal | Due date: | |
| Assignee: | | % Done: | 0% |
| Category: | enhancing/improving | Estimated time: | 0.00 hour |
| Target version: | CoCoA-5.4.2 | Spent time: | 0.00 hour |
| Description | | | |
| Should we make ker work also for cases like the following? | | | |
| <pre>>>> QQt ::= QQ[t]; >>> KQQt := NewFractionField(QQt); >>> t := indet(QQt,1); >>> embed := CanonicalHom(QQt,KQQt); >>> t := embed(t) >>> QQxy ::= QQ[x,y]; >>> phi := PolyAlgebraHom(QQxy,KQQt, [3*t/(t^3+1), 3*t^2/(t^3+1)]); >>> ker(phi); --> ERROR: RINGHOM must be between poly rings or their quotients: --> [CoCoALib] ker --> ker(phi); --> ^^^^^^^^</pre> | | | |

History

#1 - 10 Jun 2021 18:06 - John Abbott

- Category set to enhancing/improving

- Target version set to CoCoA-5.4.2