simStateSpace: Internal Tests

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Tests

```
#> test-simStateSpace-lin-sde-cov-eta
#> Test passed

#> test-simStateSpace-lin-sde-cov-y

#> Test passed

#> test-simStateSpace-lin-sde-mean-eta

#> Test passed

#> test-simStateSpace-lin-sde-mean-y

#> Test passed

#> test-simStateSpace-project-to-hurwitz

#> -- Error: test-simStateSpace-project-to-hurwitz< 0 -----------------------------
#> Error in `SpectralAbscissa(x = x)`: object '_simStateSpace_SpectralAbscissa' not found
#> Backtrace:
#>     x
#>  1. +-testthat::expect_true(SpectralAbscissa(x = x) < 0)
#>  2. | \-testthat::quasi_label(enquo(object), label, arg = "object")
#>  3. |   \-rlang::eval_bare(expr, quo_get_env(quo))
#>  4. \-global SpectralAbscissa(x = x)

#> Error:
#> !  Test failed
```

Environment

```
ls()

#> [1] "root"
```

Class

```
#> [[1]]
#> [1] "root_criterion"
```

References

Pesigan, I. J. A., Russell, M. A., & Chow, S.-M. (2025). Inferences and effect sizes for direct, indirect, and total effects in continuous-time mediation models. *Psychological Methods*. https://doi.org/10.1037/met0000779

R Core Team. (2025). *R: A language and environment for statistical computing*. R Foundation for Statistical Computing. Vienna, Austria. https://www.R-project.org/