

# Hirata separability, partial Galois extension and inner partial group action

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In this talk, we firstly review some Sugano's results on Galois extensions and then present our recent work generalizing Sugano's results in the context of partial group action. More explicitly, we give some equivalent conditions for partial Galois extensions to be Hirata-separable extensions and show that every partial Galois extension with inner partial group action is Hirata-separable.

## References

- [1] Kuo, Jung Miao and Szeto, George, On Hirata separability and inner partial group action, submitted.