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## Instance Method

# decapsulate(\_:)

Recovers a shared secret from an encapsulated representation.

iOS 17.0+ | iPadOS 17.0+ | Mac Catalyst 17.0+ | macOS 14.0+ | tvOS 17.0+ | visionOS 1.0+ | watchOS 10.0+

```
func decapsulate(_ encapsulated: Data) throws -> SymmetricKey
```

## Required

## Parameters

### encapsulated

The encapsulated shared secret that someone created using this key's publicKey.

## Return Value

The decapsulated shared secret.