

tensor.blackman_window

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Copy fnblackman_window(size:T, periodic:Option)->Tensor;

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Generates a Blackman window as described in the paper <https://ieeexplore.ieee.org/document/1455106>.

- size
- (T
-) - A scalar value indicating the length of the window.
- periodic
- (Option) - If 1, returns a window to be used as periodic function. If 0, return a symmetric window. When 'periodic' is specified, hann computes a window of length size + 1 and returns the first size points. The default value is 1.
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Returns

A Blackman window with length: size. The output has the shape: [size].

Examples

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```
Copy usecore::array::{ArrayTrait,SpanTrait}; useorion::operators::tensor::FP8x23TensorPartialEq;
useorion::operators::tensor::FP8x23TensorAdd; useorion::operators::tensor::{TensorTrait,Tensor};
useorion::utils::{assert_eq, assert_seq_eq}; useorion::numbers::{FixedTrait,FP8x23};
```

```
fnblackman_window_example()->Tensor { returnTensorTrait::blackman_window(FP8x23{ mag:33554432, sign:false},
Option::Some(0));// size: 4 }
```

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[Previous tensor.hamming_window](#) [Next tensor.random_uniform_like](#)

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