Matric determinal.

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```
import tensorflow as tf
import numpy as np

arr = np.array(np.arrange(16).reshape(4,4),
                dtype = float32)
arr = tf.convert_to_tensor(arr, dtype = tf.float32)
def = tf.linalg.det(arr)
With tf.compat.v1.Session() ass session:
    op = session.run(det)
    Print(op)
```

1. parameters:

* intial-value: by default None. The initial value for the variables is a Tensor, of a Python Object Convertible to a Tensor.

* trainable: by default None: If True, Gradient Tapes will keep an eye on this Variable's usage.

* validate-shape: by default True; allow the variable to be initialized with an Unknown shape value if False. The shape of the intial value must be known if True, which is the default.

* Name : by default None. The variable optional name. Defaults to 'variable' and its automatically uniquified.

* Variable def : by default None :

* add : used to add two tensor / scalers.

* compact : compat.v1 & compact.v2 sub modules. prodes a complete copy of both v1 & v2 API's for backward and fordward's comp.alability across Tensorflow version.