

## tf.contrib.gan.features.condition\_tensor

```
condition_tensor(  
    tensor,  
    conditioning  
)
```

Defined in [tensorflow/contrib/gan/python/features/python/conditioning\\_utils\\_impl.py](#).

Condition the value of a tensor.

Conditioning scheme based on <https://arxiv.org/abs/1609.03499>.

## Args:

- **tensor**: A minibatch tensor to be conditioned.
- **conditioning**: A minibatch Tensor of to condition on. Must be 2D, with first dimension the same as **tensor**.

## Returns:

**tensor** conditioned on **conditioning**.

## Raises:

- **ValueError**: If the non-batch dimensions of **tensor** aren't fully defined.
- **ValueError**: If **conditioning** isn't at least 2D.
- **ValueError**: If the batch dimension for the input Tensors don't match.

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