TECHNICAL SPECIFICATION SHEET

PRODUCT DETAILS			
Brand Name: W	Designer: L	Season: Spring	Category: Casual Wear
Date: 2025-03-09	Style Name: Modern Matrix	Style Number: 12345	Main Fabric: Cotton Blend

STYLE DESCRIPTION

A contemporary casual piece featuring a unique digital print pattern inspired by matrix code, offering a relaxed fit for everyday wear.

TECHNICAL DRAWINGS

```

#for shampoo
def _matrix_power(matrix: torch.Tensor, power: float) -> torch.Tensor:
        # use CPU for svd for speed up
        device = matrix.device
        matrix = matrix.cpu()
        #print(matrix)
        u, s, v = torch.svd(matrix)
        return (u @ s.pow_(power).diag() @ v.t()).to(device)

#def _matrix_power(matrix: torch.Tensor, power: float) -> torch.Tensor:
#    device = matrix.device
#    matrix = matrix.cpu()
#    print("Matrix shape:", matrix.shape)
#    print("Matrix min:", matrix.min().item(), "max:", matrix.max().item())
#    try:
#        u, s, v = torch.linalg.svd(matrix)
#    except Exception as e:
#        print("SVD failed with error:", e)
#        raise e
 #   return (u @ s.pow_(power).diag() @ v.t()).to(device)


```


```

#for shampoo
def _matrix_power(matrix: torch.Tensor, power: float) -> torch.Tensor:
        # use CPU for svd for speed up
        device = matrix.device
        matrix = matrix.cpu()
        #print(matrix)
        u, s, v = torch.svd(matrix)
        return (u @ s.pow_(power).diag() @ v.t()).to(device)

#def _matrix_power(matrix: torch.Tensor, power: float) -> torch.Tensor:
#    device = matrix.device
#    matrix = matrix.cpu()
#    print("Matrix shape:", matrix.shape)
#    print("Matrix min:", matrix.min().item(), "max:", matrix.max().item())
#    try:
#        u, s, v = torch.linalg.svd(matrix)
#    except Exception as e:
#        print("SVD failed with error:", e)
#        raise e
 #   return (u @ s.pow_(power).diag() @ v.t()).to(device)


```

MEASUREMENTS

Item	Description	XS	S	M	L	XL
Shoulder	Seam to seam measurement	40 cm	42 cm	44 cm	46 cm	48 cm
Chest	Pit to pit across chest	90 cm	95 cm	100 cm	105 cm	110 cm
Sleeve Length	From shoulder seam to cuff	60 cm	62 cm	64 cm	66 cm	68 cm
Length	Top of collar to bottom hem	70 cm	72 cm	74 cm	76 cm	78 cm

CARE INSTRUCTIONS

- Machine wash cold with like colors.
- Do not bleach.
- Tumble dry low.
- Iron on low heat if necessary.

ADDITIONAL COMMENTS