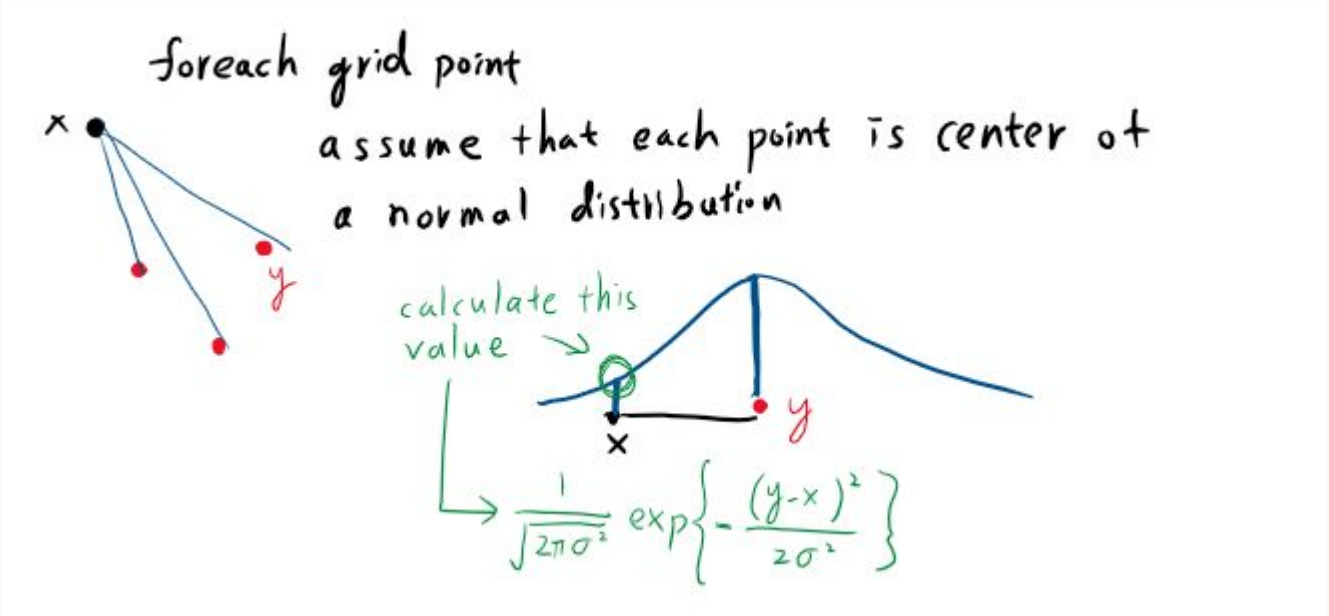
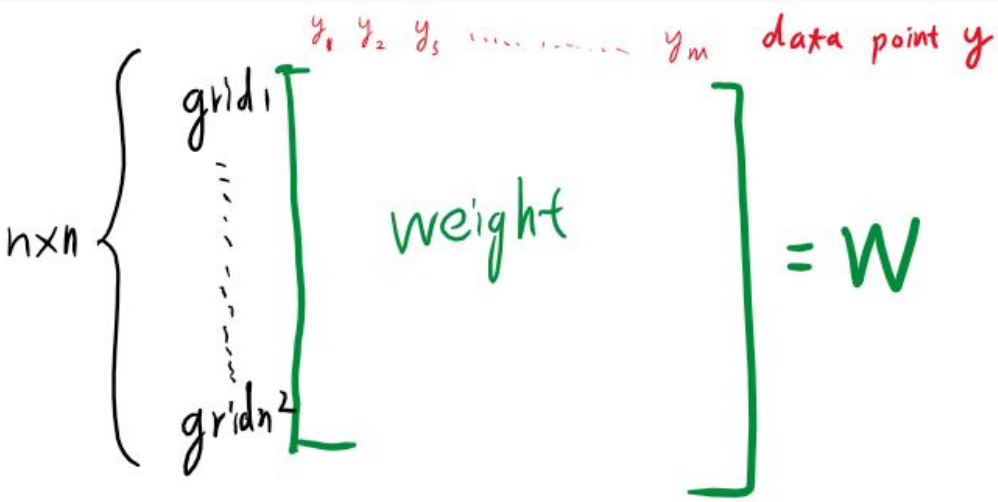
Progress Report

Kuei-Yueh (Clint) Ko

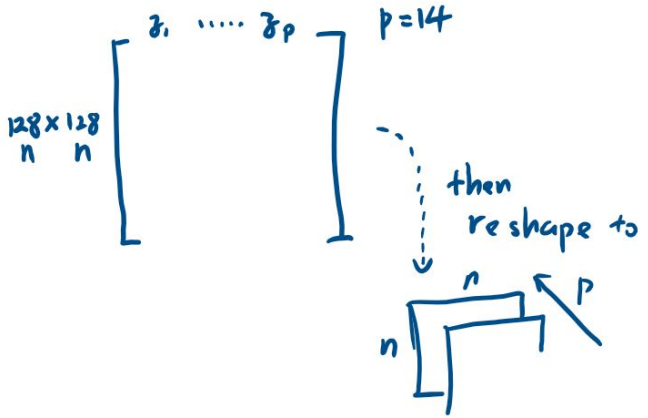
Rewrite the function



Rewrite the function



result $X = D \times M$



Rewrite the function

shape $(n^2,)$ $(m,)$ (n^2, m)

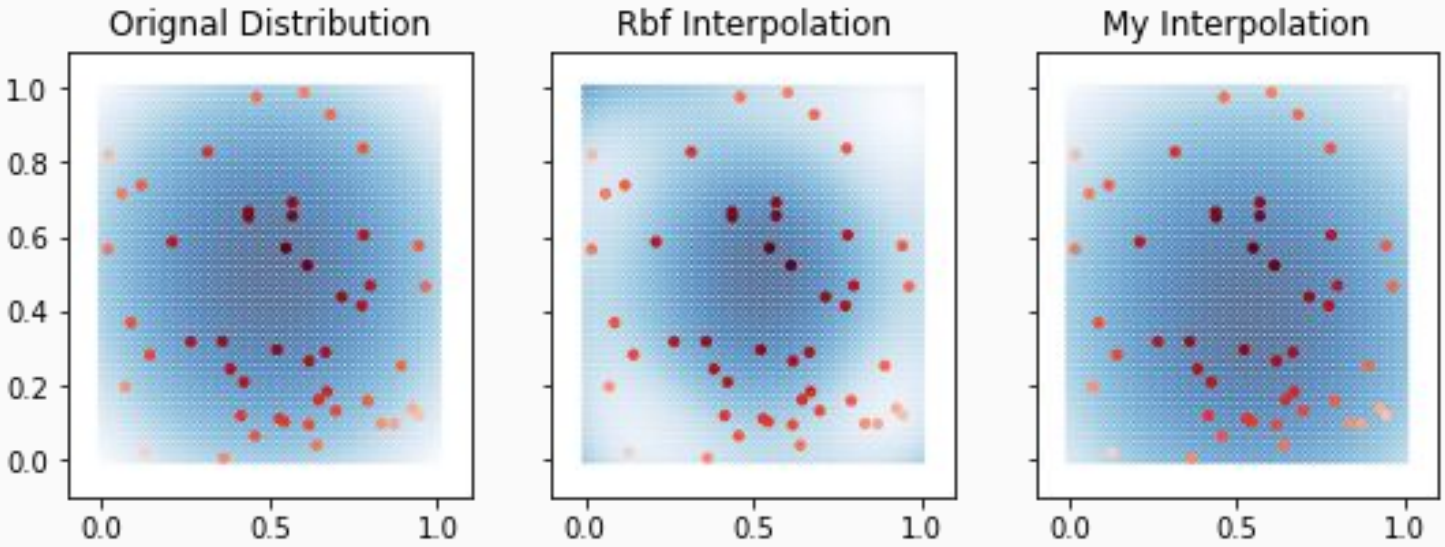
```
weight_kernel(grids, points, weights)

    idx_grid, idx_val = cuda.grid(2)
    if(idx_grid < weights.shape[0] &
                  idx_val < weights.shape[1])

        grid = grids[idx_grid]

        point = points[idx_point]
        distance = dist_kernel(grid, point)
        weights[idx_grid, idx_point] = dist2weight_kernel(distance)
```

Quick Results



Next Step

- Benchmarking the performance of functions
- Try to apply the function on EQAPOL data