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    shapes.geometric,backgrounds, positioning-plus,node-families,calc basic box/.style
= shape = rectangle, align = center, draw = 1, fill = 1!25, rounded cor-
ners, header node/.style = Minimum Width = header nodes, font = , text
depth = +0pt, fill = white, draw, header/.style = inner ysep
= +1.5em, append after command = node [header node] (header-) at (.north)
1 node [span = ()(header-)] at (fit bounding box) (h-) , hv/.style = to path =
—(), vh/.style = to path = —(), fat blue line/.style = ultra thick, blue
[node distance = 1.2cm, thick, nodes = align = center,  $\zeta$ =latex] [Minimum
Width = loop, shape = ellipse, fill = red] (imp-sol) ellipsoid box; [Minimum
Width = loop, fill = yellow, below = of imp-sol] (rec-box) rectangular box, and
very wiiiiiiiiiiiiide
2nd line; [shift = (left:.5*xnodedist)]at((imp-sol.west—imp-sol.south)!.5!(rec-
box.north west))(for - 1)formula1; [shift = (right : .5 * xnodedist)]at((imp-
sol.east—imp-sol.south)!.5!(rec-box.north east))(for-2)formula2; [onbackgroundlayer][fit =
(for-1)(for-2)(imp-sol)(rec-box), basicbox = blue, header = DMFTloop](dmft-
l); [verythick, blue, hv](rec-box)edge[- >](for - 1)edge[< -](for - 2)(imp -
sol)edge[- >](for - 2)edge[< -](for - 1);
[east above = of dmft-l, basic box = green, header = DMFT prelude] (dmft-
p) Math and text math and text math and text
math and text math and text math and text; [north left = of dmft-l, basic box =
green, header =  $\rho$  update, shift = (down:ynodedist)](rho)Muchmoretextmuchmoretextmuchmoretextmuchmo
blue, header = DFTpart, anchor = north]at(dmft-p.north-|rho)(dft)SomuchtextsomuchtextsomuchtextIt
green, anchor = north]at((dft.north east)!.5!(dmft-p.north west))(upd)updatemath; [fatblueline, <
-, dashed, vh](rho)edge((rho.south)!.5!(dmft-l.south)-|dmft-l.southwest); [fatblueline, - >
]((upd.south)!.5!(dmft-p.south)-|dmft-p.southwest)coordinate(@)edge[< -, solid]coordinate[pos =
.15](@s)coordinate[pos = .9](@e)(@-|dft.east)[everyedge/.appendstyle = dashed, vh](@s)edge[< -](upd)(@e)
rho)edge[dashed](dft)((dmft-p.south)!.5!(dmft-p.south east))coordinate(@)edge(@|-
dmft-l.north);

```