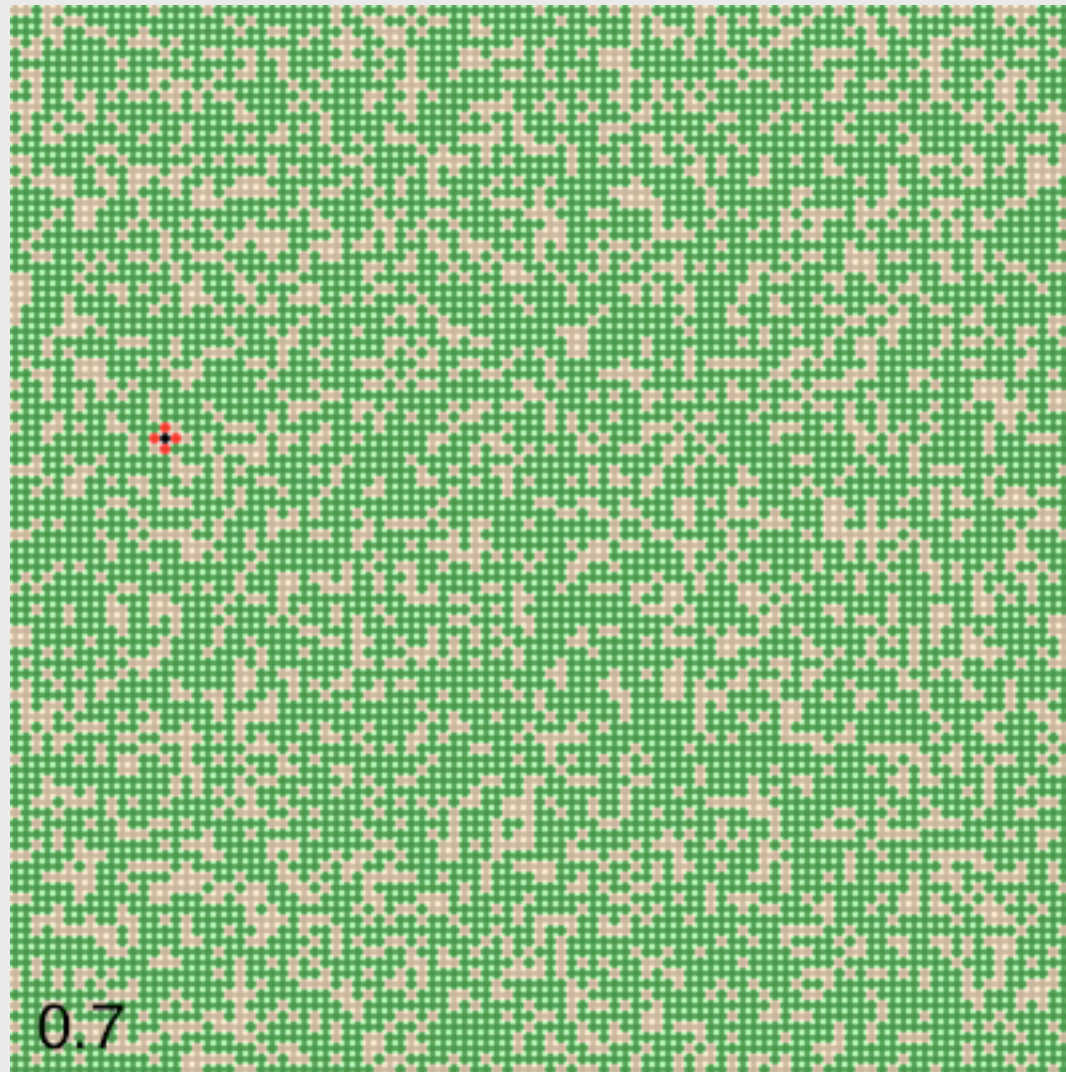


森林火災



0.5

0.5

0.55

0.55

0.59

0.59

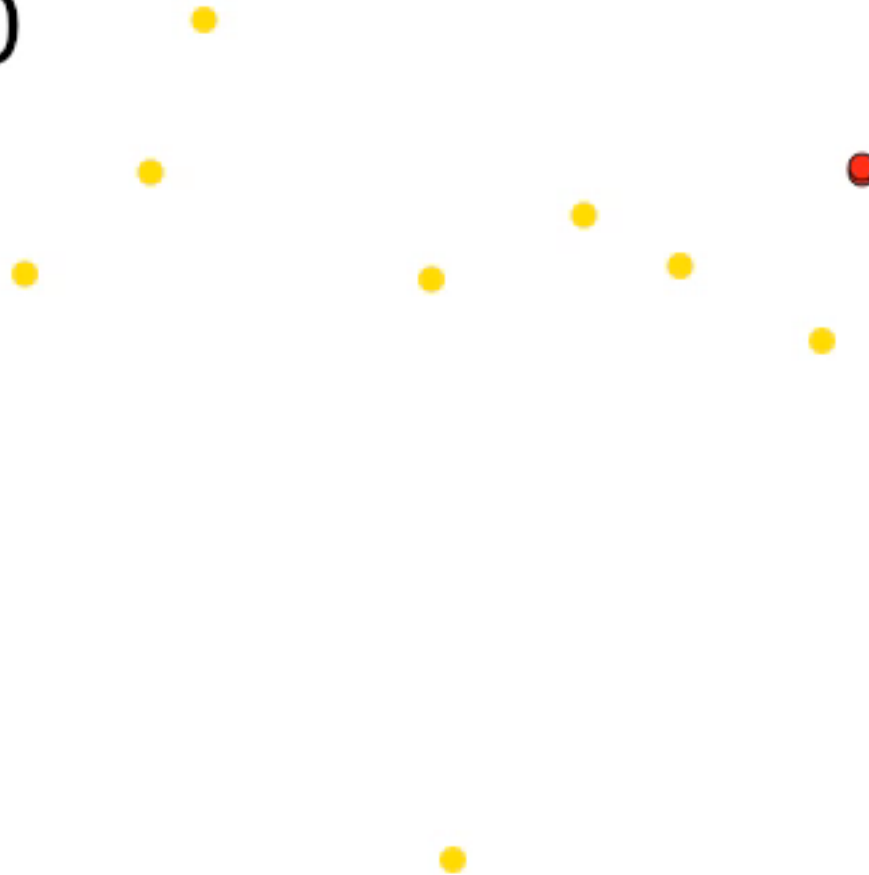
0.60

0.6

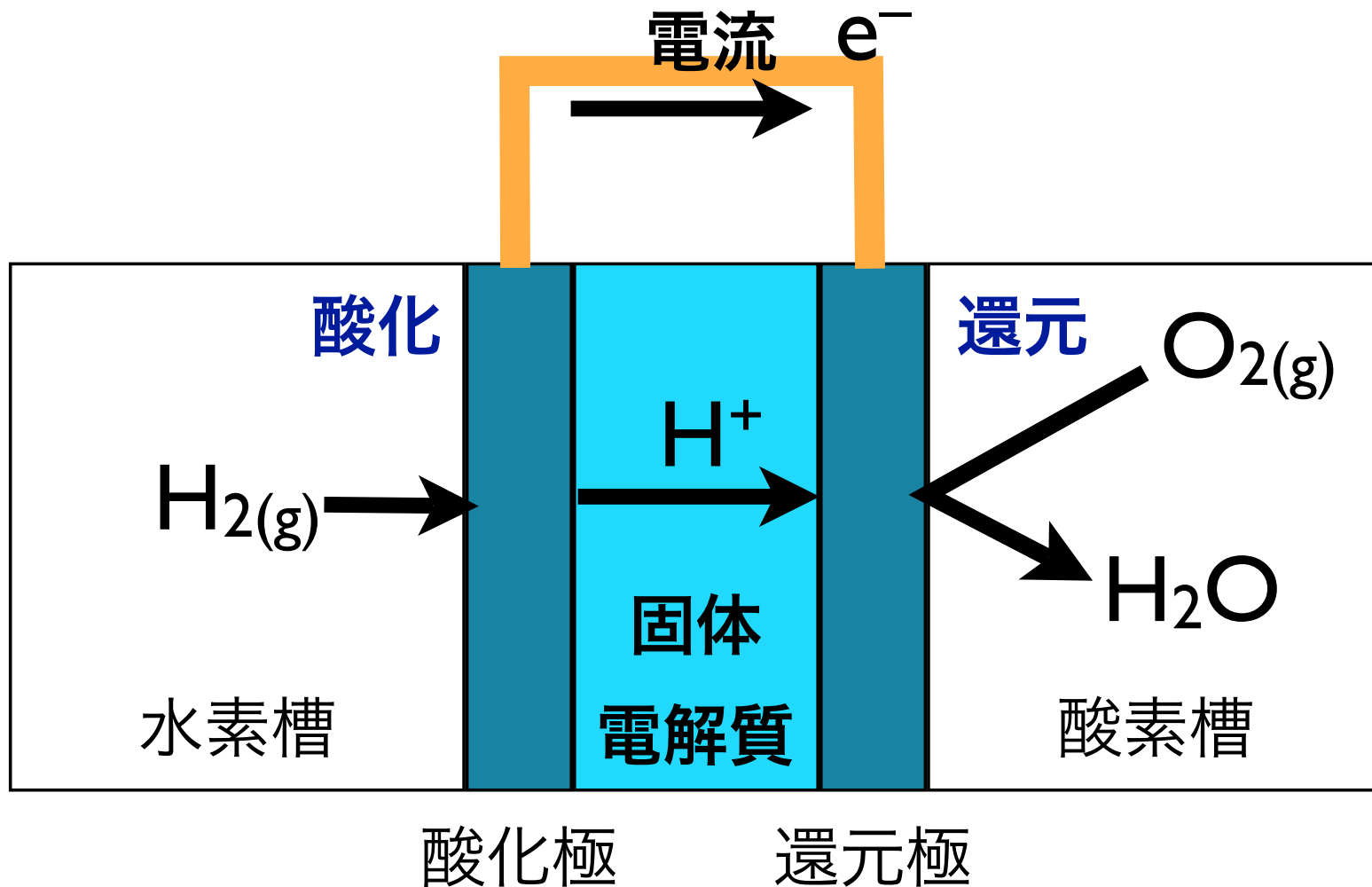
0.70

0.7

10



燃料電池



Nafion Membrane

☼ Perfluoro Sulfonic Acid パーフルオロスルホン酸

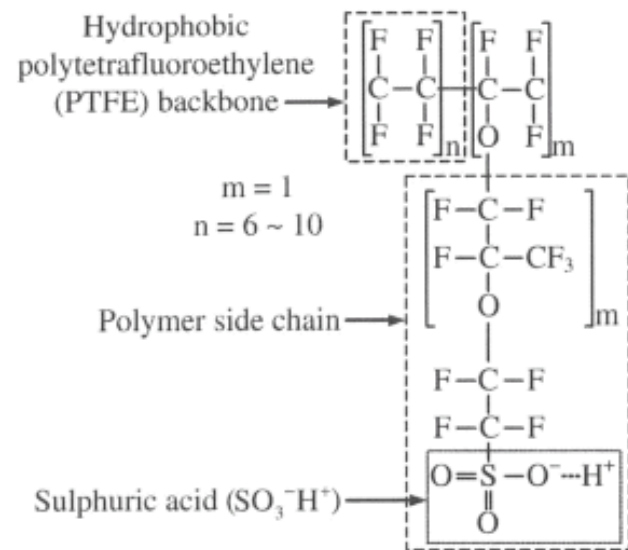


Fig. 8. Schematic of chemical structure of Nafion.

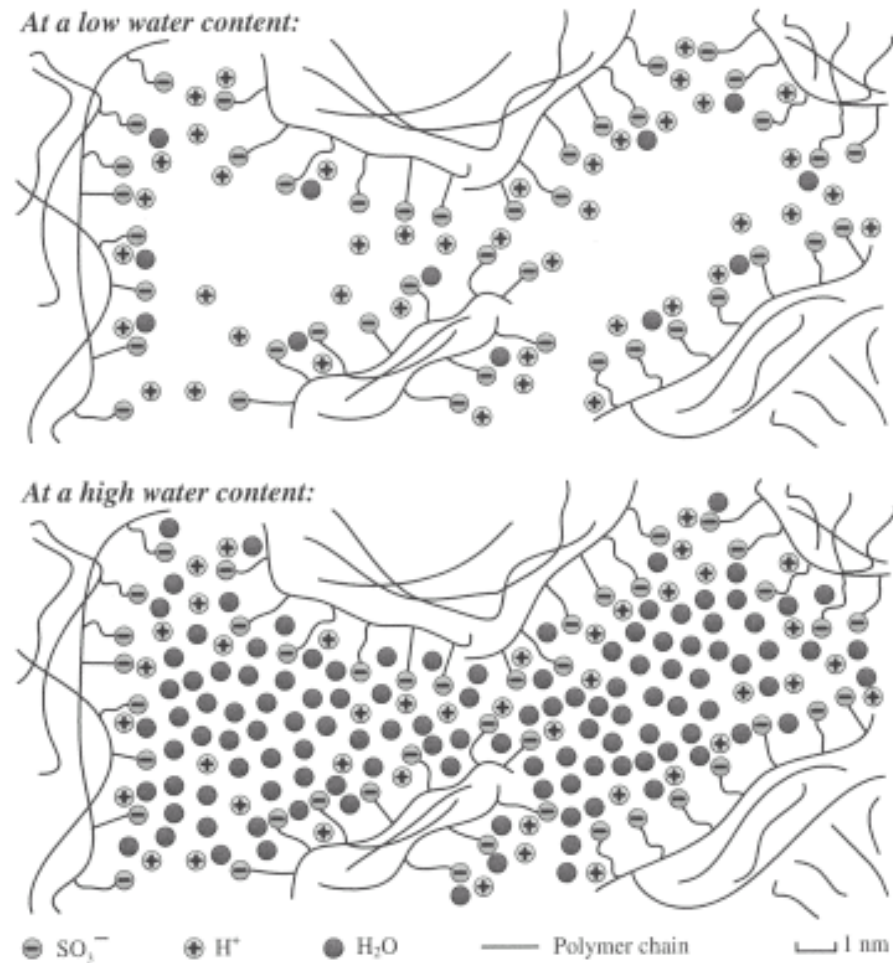


Fig. 9. Schematics of micro-structural features of Nafion for low and high water contents (note that the free volume containing water at a low water content is smaller than at a high water content, and such difference is neglected in this figure).

クラスターの計数

```
def mygroup(x):
    while group[x] >= 0:
        x = group[x]
    return x

def mergegroups(x,y):
    xg = mygroup(x)
    yg = mygroup(y)
    if xg != yg:
        group[yg] += group[xg]
        group[xg] = yg

for i in range(len(group)):
    group[i] = -1

mergegroups(1,3)
mergegroups(2,3)
mergegroups(3,4)
```

```
function mygroup(x)
while group(x) .ge. 0 do
    x = group(x)
end do
mygroup=x
end function mygroup

subroutine mergegroups(x,y)
xg = mygroup(x)
yg = mygroup(y)
if xg .ne. yg then
    group(yg) = group(yg)+group(xg)
    group(xg) = yg
end if
end subroutine mergegroups

program main
do i=1,100
    group(i) = -1
end do
call mergegroups(1,3)
call mergegroups(2,3)
call mergegroups(3,4)
end program main
```

10

