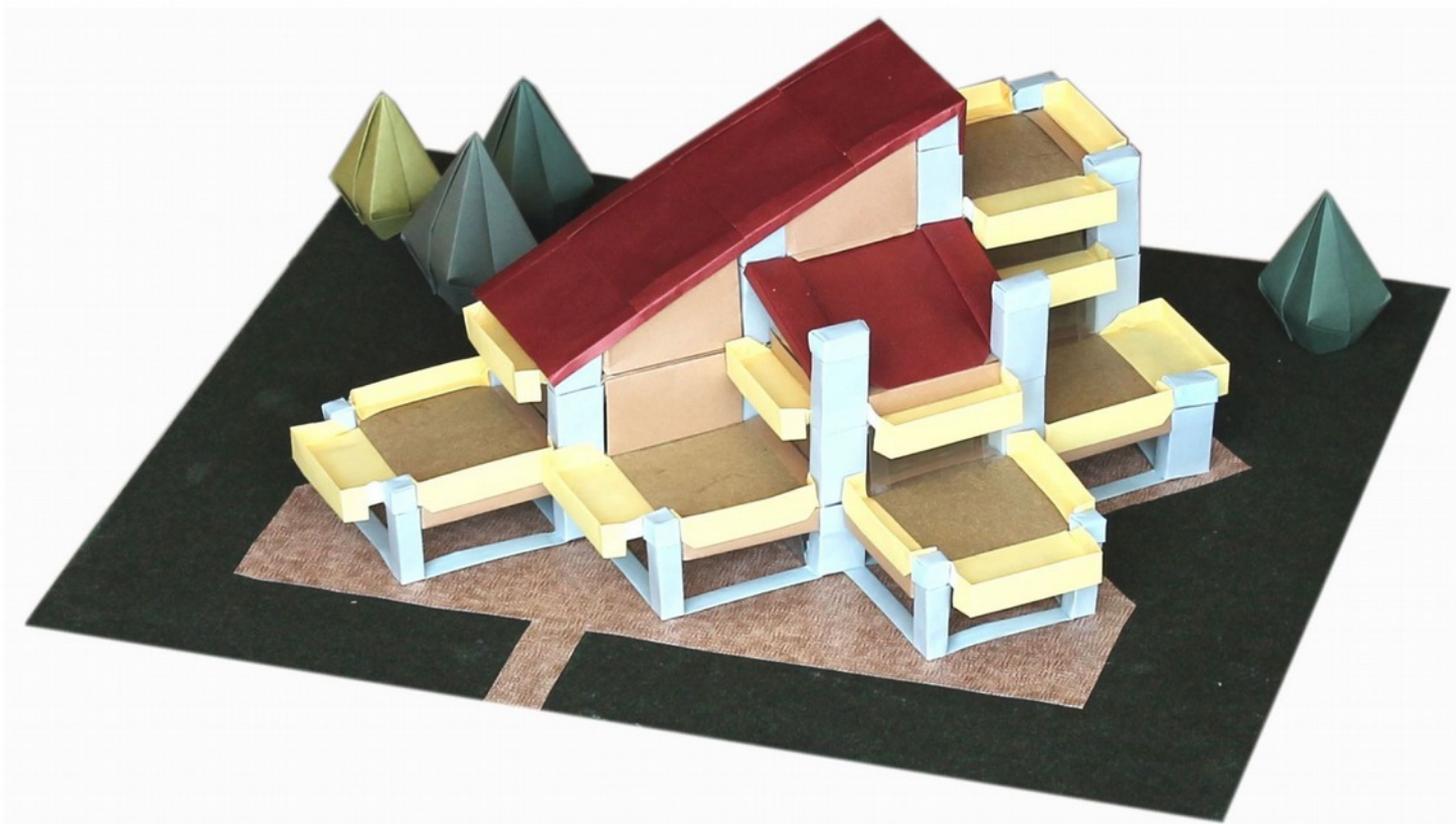


# MANUALE DELL'ARCHITETTO

Aggiornamento ottobre 2017

## ORIGAMISTA



**Franco Pavarin**

[www.aereiemaschereorigami.altervista.org](http://www.aereiemaschereorigami.altervista.org)

# SUPERBLOCCO

Il superblocco è un blocco nato per ovviare al difetto maggiore del blocco tradizionale: è molto robusto e si collega con saldi bloccaggi, permettendo un agevole spostamento del modello.

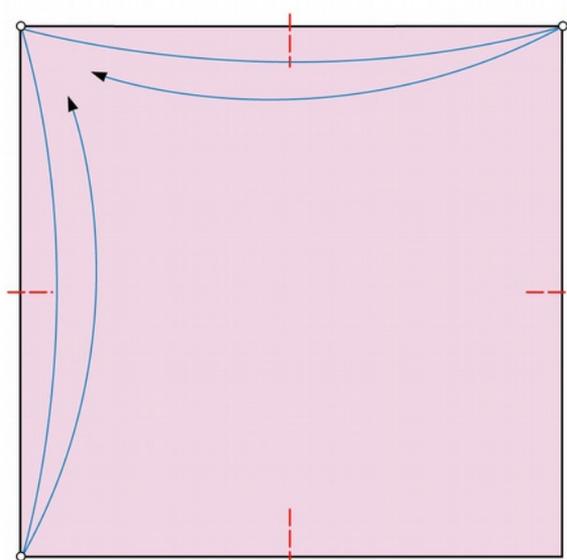
È utile anche per la costruzione di oggetti e consente l'utilizzazione di molti accessori del blocco, come solai, poggiali ecc.

Naturalmente questi vantaggi comportano una maggiore complessità costruttiva, rendendolo meno indicato per un uso sociale.

Adoperate carta robusta o cartoncino se i modelli da costruire sono di grandi dimensioni.

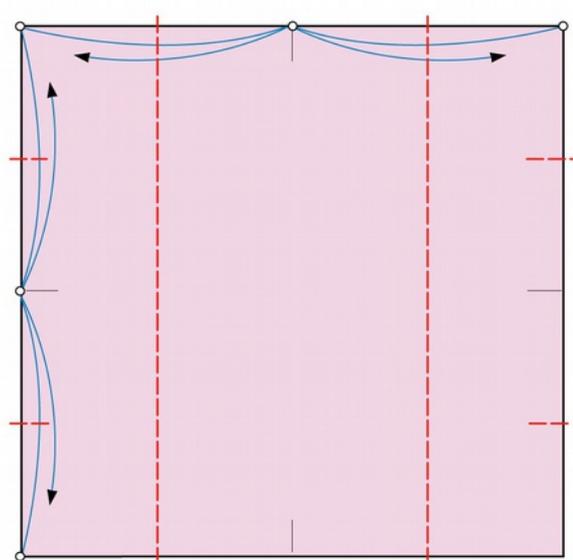
Ottobre 2017

Franco Pavarin



4 piccole pieghe a valle

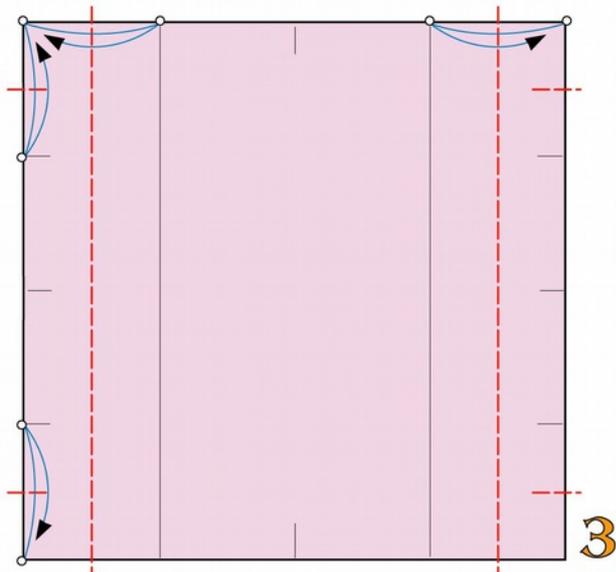
1



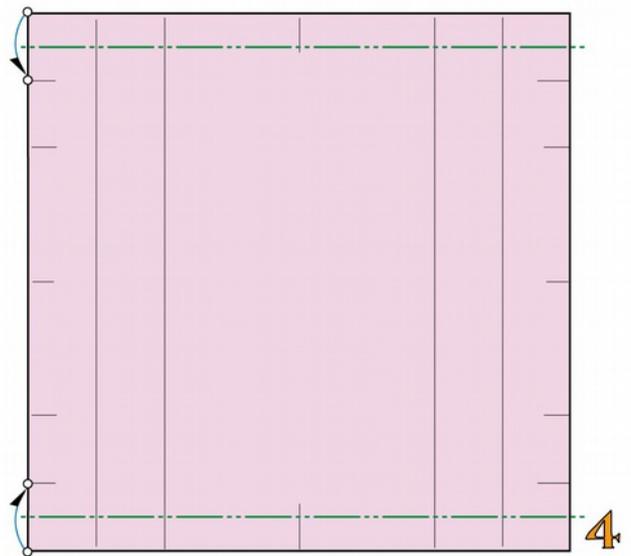
6 pieghe a valle, di cui 4 piccole

2

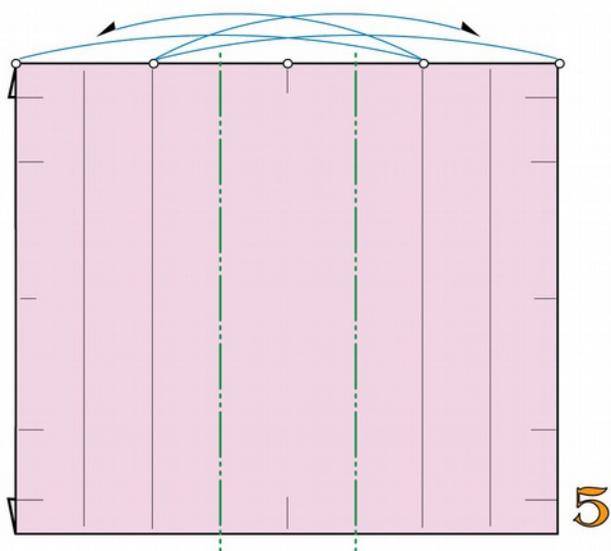
2



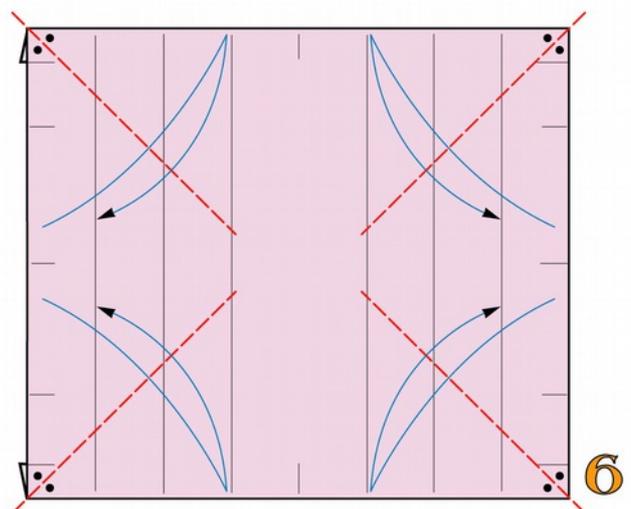
6 pieghe a valle, di cui 4 piccole



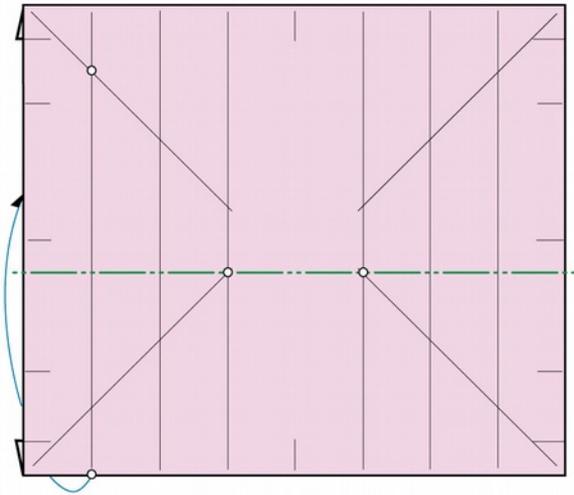
2 pieghe a monte



2 pieghe a monte

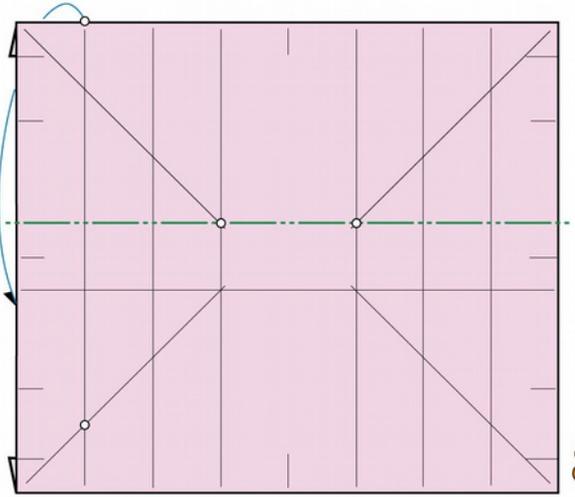


4 pieghe bisettrici a valle



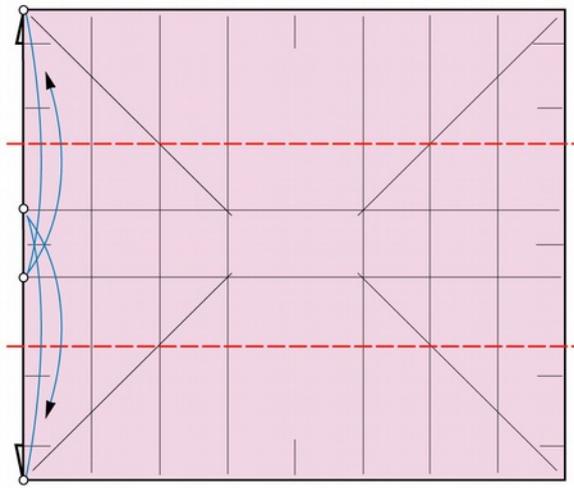
7

1 piega a monte



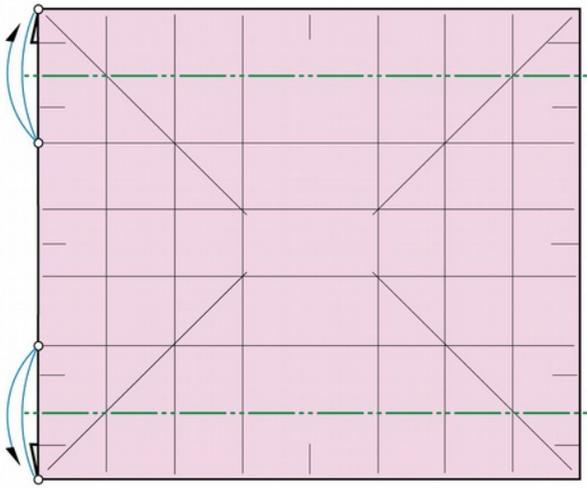
8

1 piega a monte



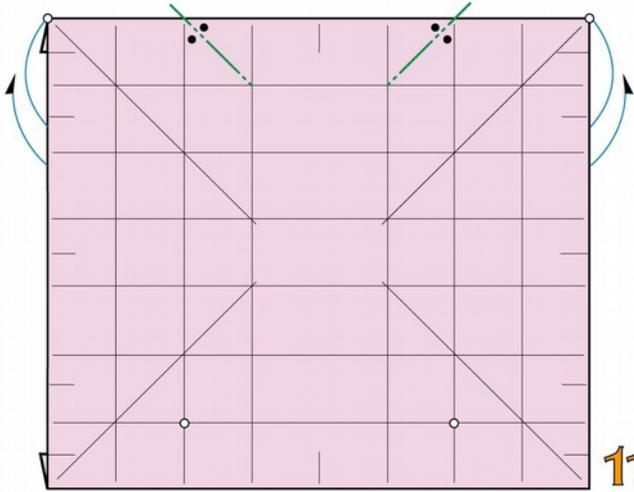
9

2 pieghe a valle



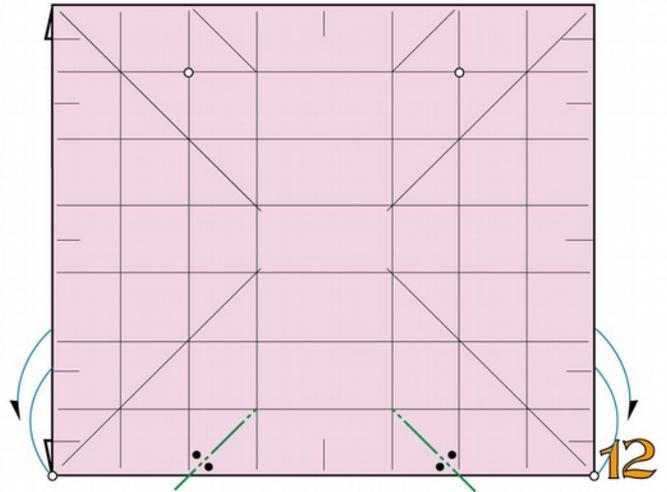
10

2 pieghe a monte



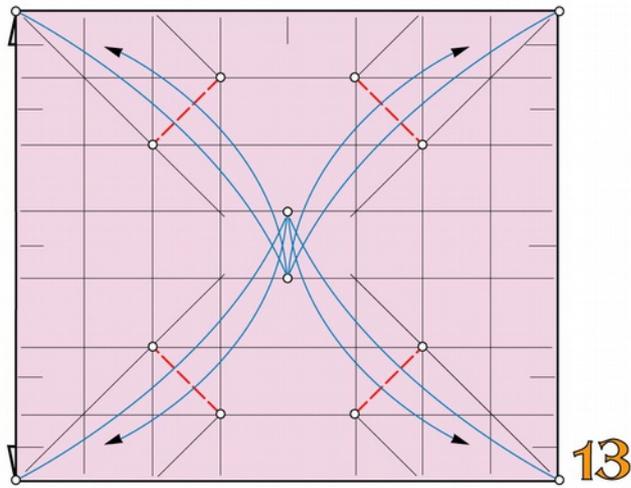
11

2 pieghe a monte



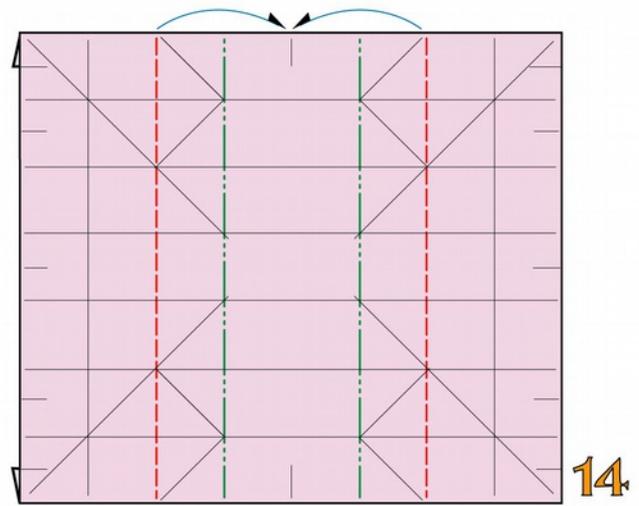
12

2 pieghe a monte



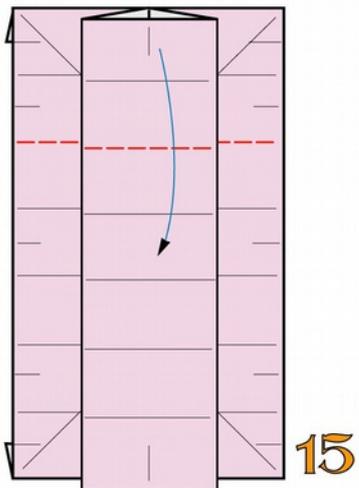
13

4 pieghe a valle



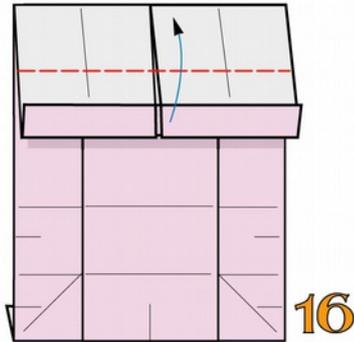
14

Ripiegate 2 volte a valle e 2 a monte



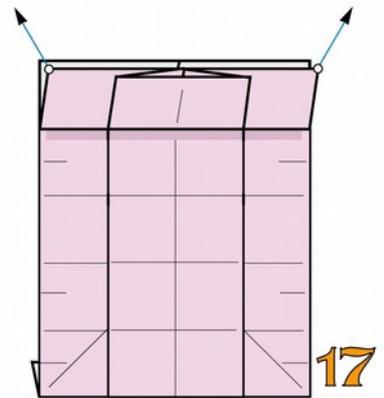
1 piega a valle

15



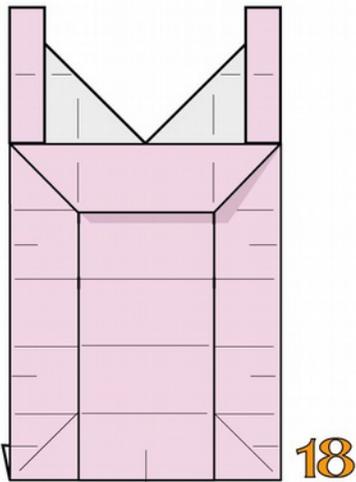
1 piega a valle

16

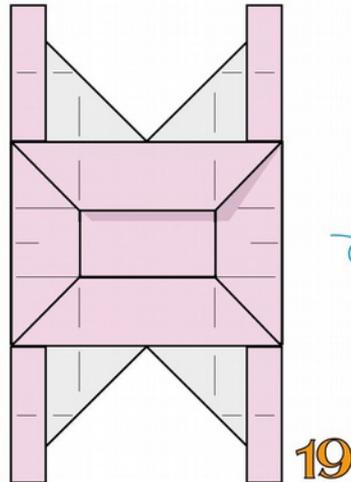


Estraete

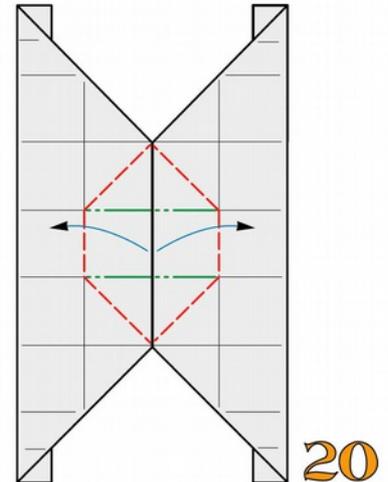
17



18



19

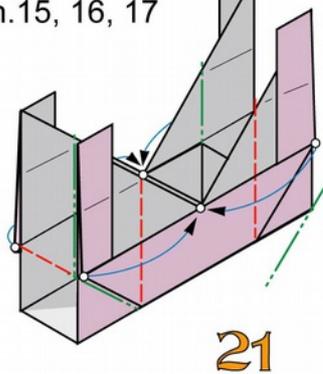


20

Ripetete inferiormente  
le pieghe dei passaggi  
n.15, 16, 17

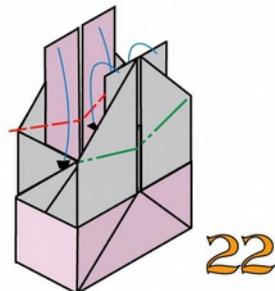
Ribaltate

Mediante 6 pieghe a  
valle e 4 a monte, aprite  
3D i bordi indicati



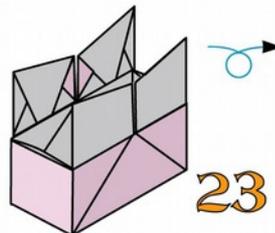
21

2 pieghe a valle e  
2 a monte per lato



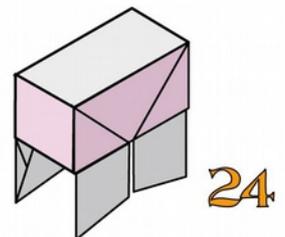
22

2 pieghe a  
monte per lato  
ed intascate



23

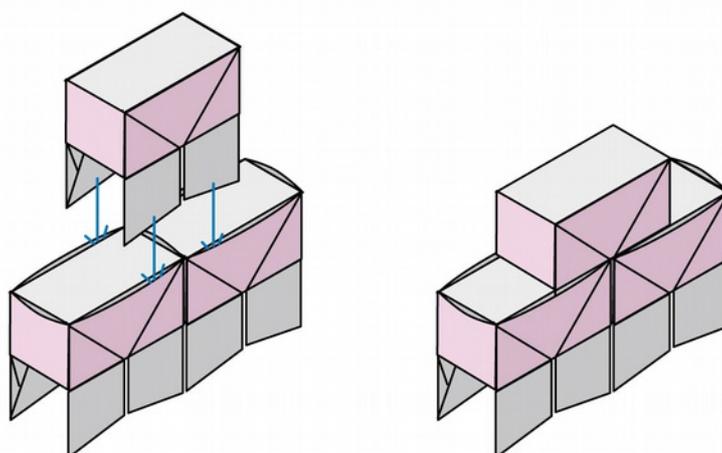
Ribaltate



24

Superblocco  
ultimato

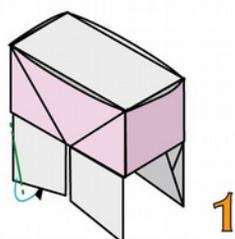
## UNIONE DI 3 SUPERBLOCCHI



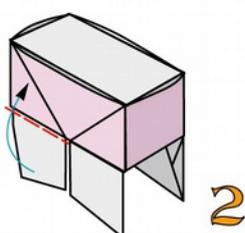
# SUPERBLOCCO ANGOLARE

La costruzione di muri d'angolo necessita l'uso di superblocchi modificati, denominati "A" e "B", che presentano il sollevamento di una delle 4 alette che va intascata nel blocco adiacente.

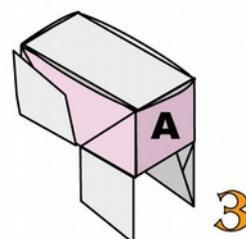
Il tipo "C", che presenta 2 alette sollevate, unito al grande superblocco serve per la costruzione di muri a "T".



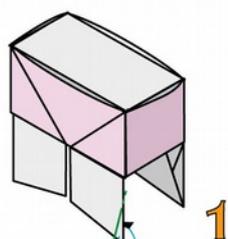
1 piega a monte



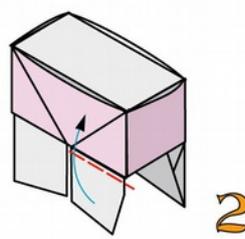
Sollevate l'aletta



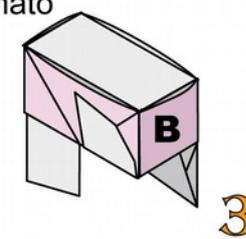
Superblocco d'angolo "A" ultimato



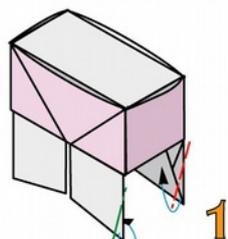
1 piega a monte



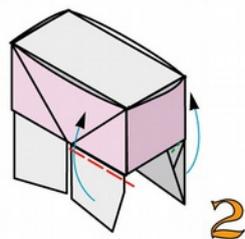
Sollevate l'aletta



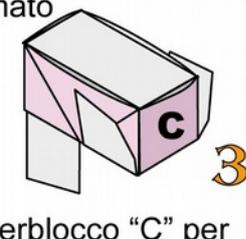
Superblocco d'angolo "B" ultimato



2 pieghe a monte

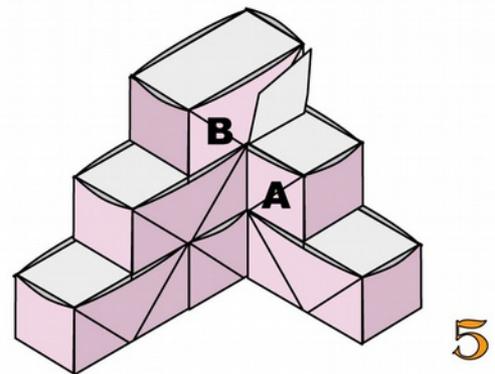
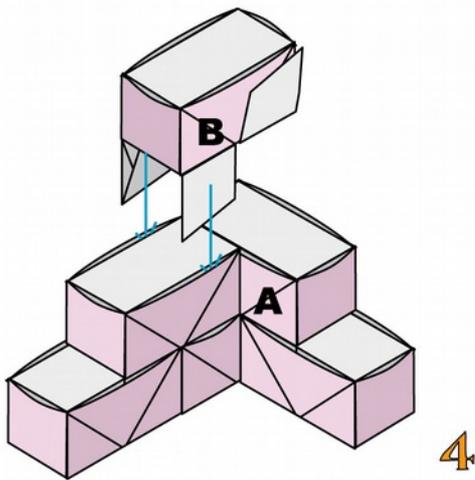
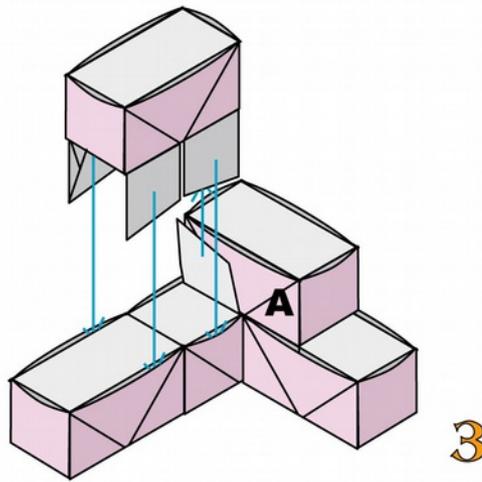
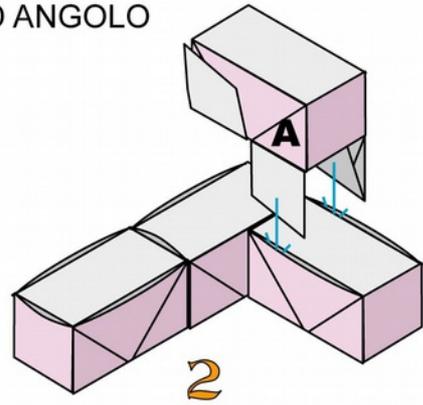
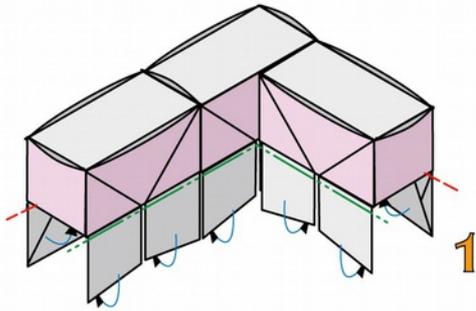


Sollevate le alette



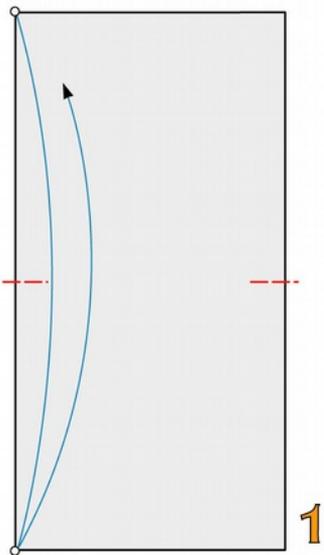
Superblocco "C" per muri a "T" ultimato

# COSTRUZIONE DI UN MURO AD ANGOLO

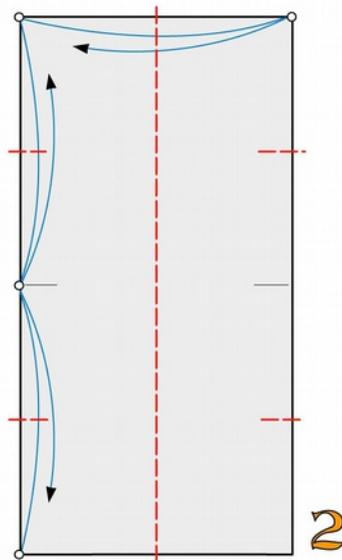


# SEMISUPERBLOCCO

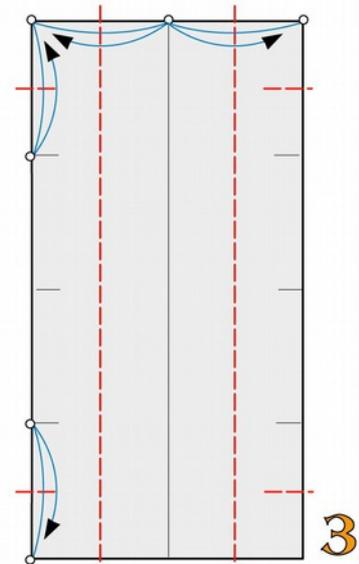
Il semisuperblocco si costruisce con mezzo foglio quadrato.



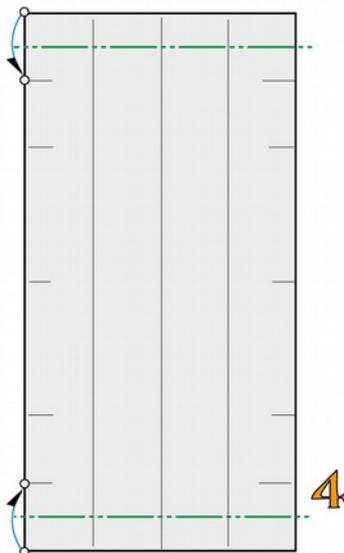
2 piccole pieghe a valle



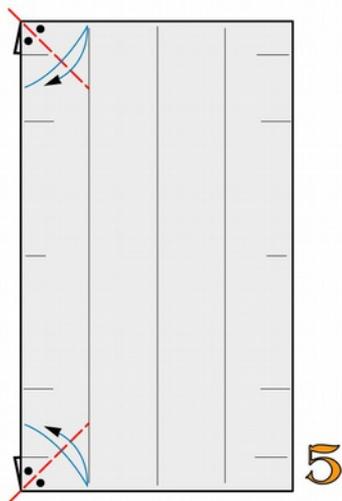
5 pieghe a valle,  
di cui 4 piccole



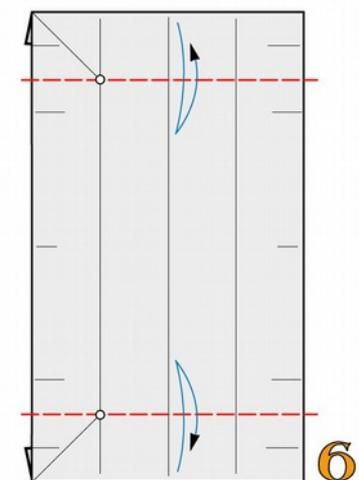
6 pieghe a valle,  
di cui 4 piccole



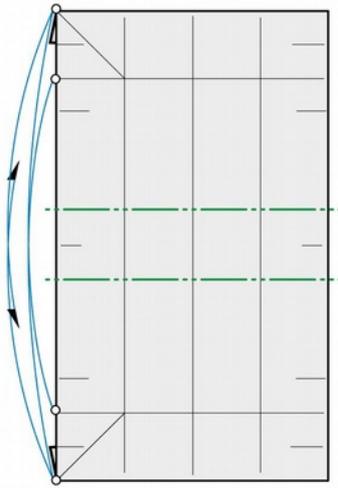
2 pieghe a monte



2 pieghe bisettrici  
a valle

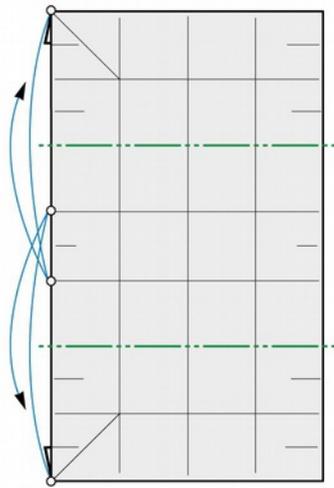


2 pieghe a valle



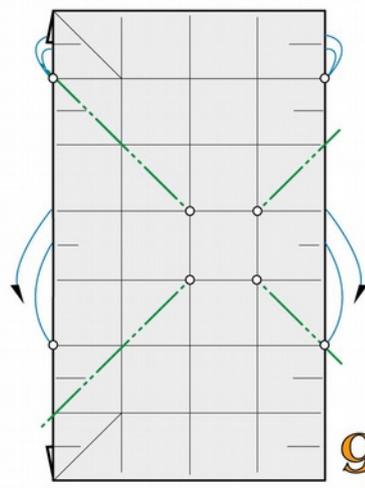
2 pieghe a monte

7



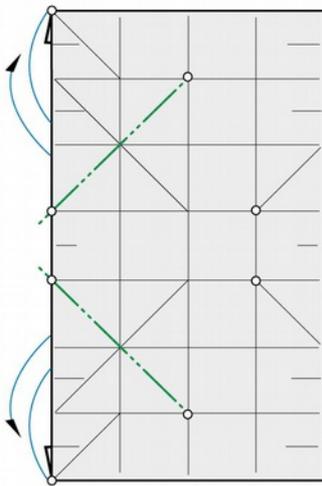
2 pieghe a monte

8



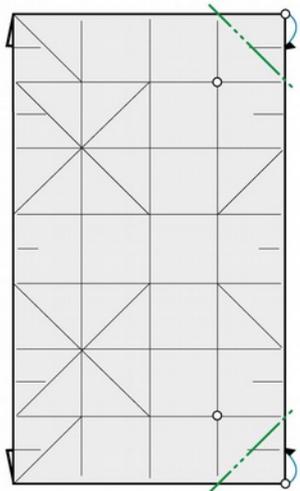
4 pieghe a monte

9



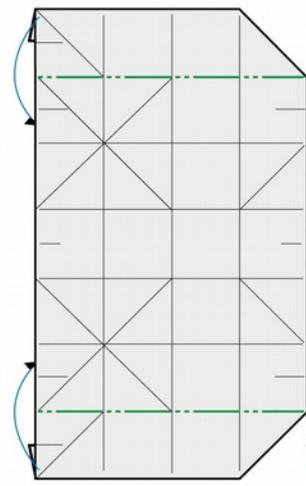
2 pieghe a monte

10



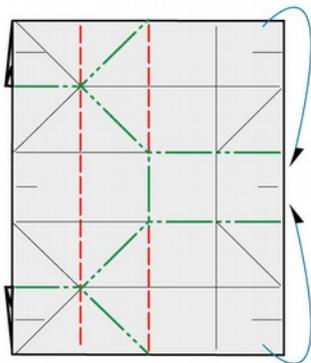
2 pieghe a monte

11



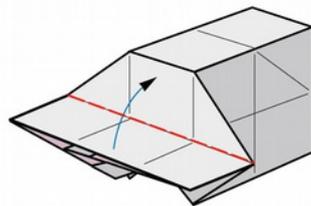
2 pieghe a monte

12



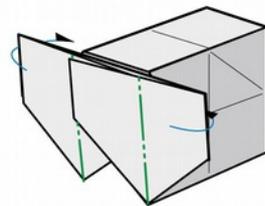
13

Ripiegando a monte ed a valle, modellate 3D



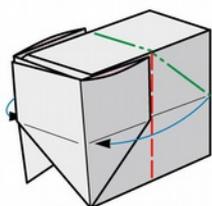
14

1 piega a valle



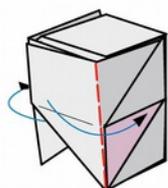
15

2 pieghe a monte



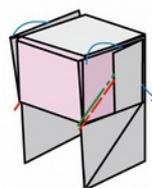
16

1 piega a valle ed 1 a monte per lato, ed 1 superiore



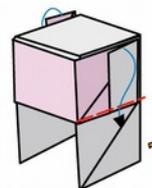
17

Ruotate le 2 alette



18

2 pieghe rovesce interne, 1 per lato



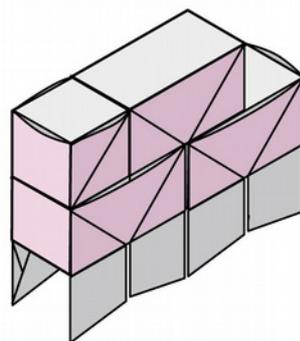
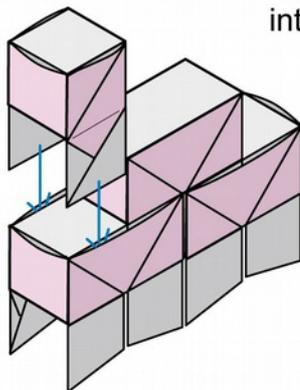
19

1 piega a valle per lato ed intascate



20

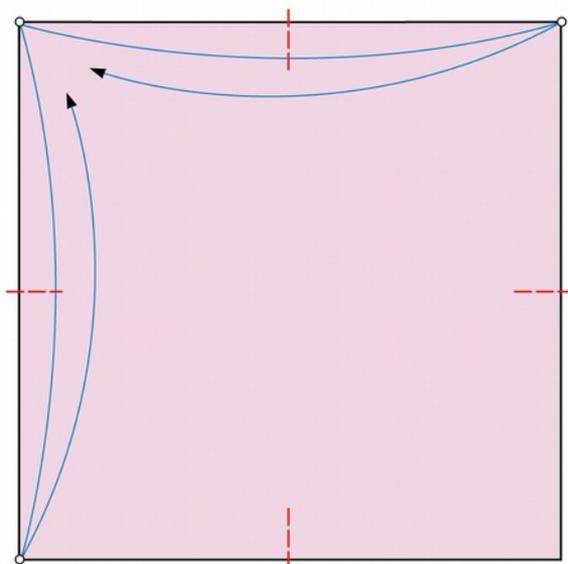
Semisuperblocco ultimato



MONTAGGIO DEL SEMISUPERBLOCCO

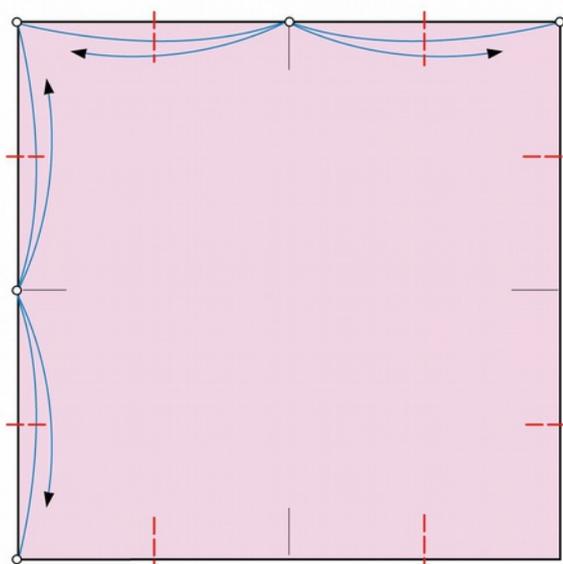
# GRANDE SUPERBLOCCO

Blocco indispensabile per la costruzione di muri a "T"



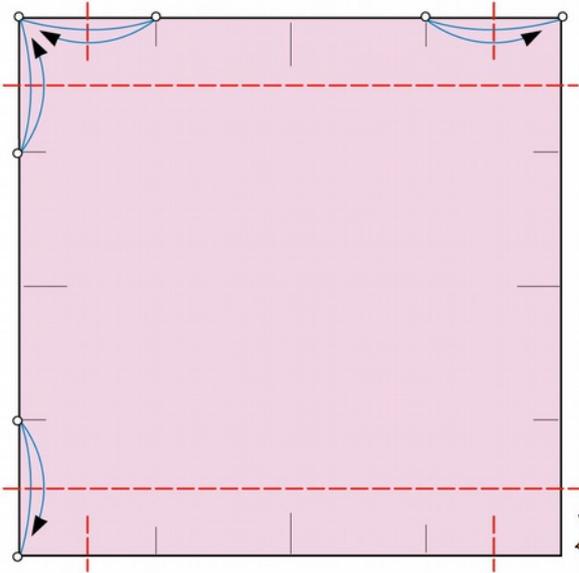
4 piccole pieghe a valle

1



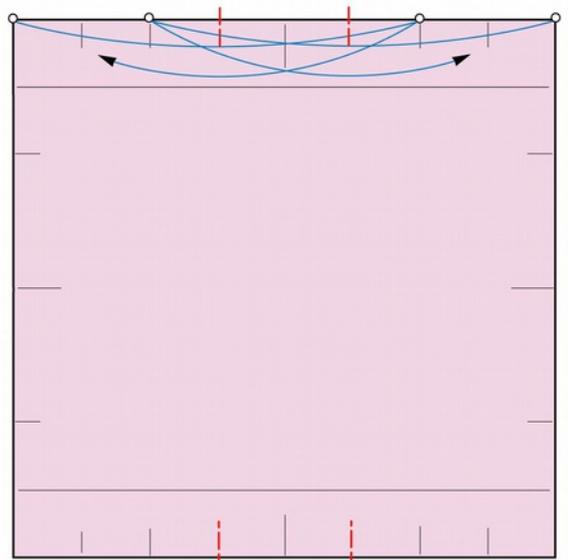
8 piccole pieghe a valle

2



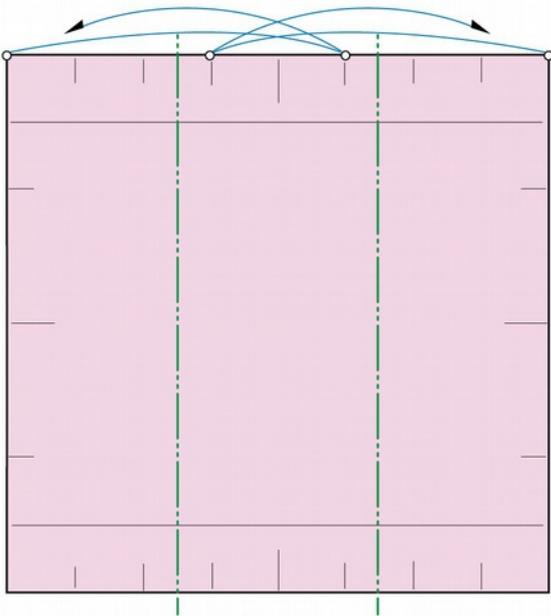
6 pieghe a valle, di cui 4 piccole

3



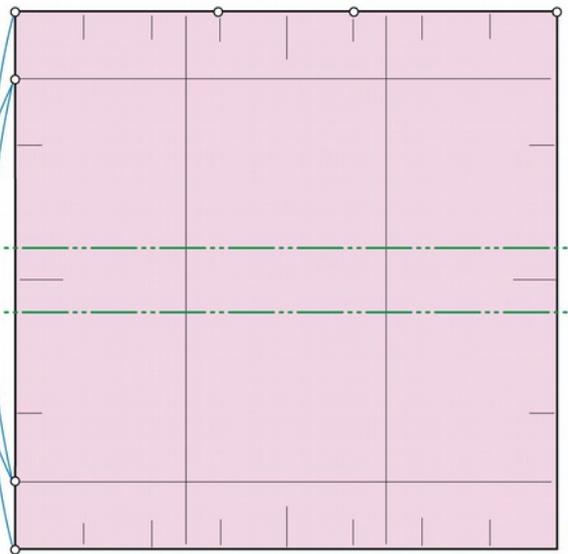
4 piccole pieghe a valle

4



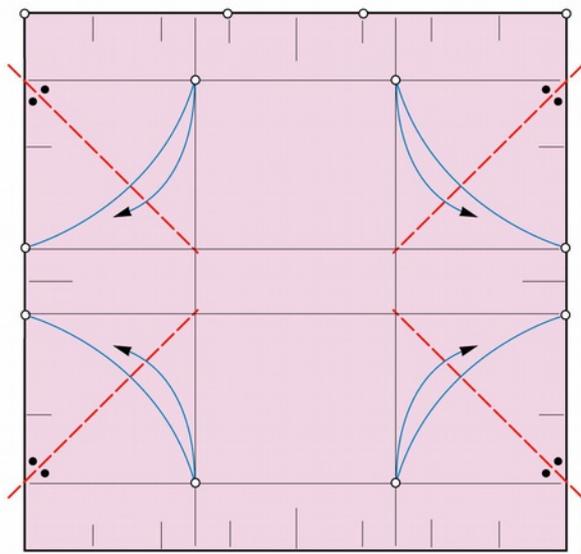
2 pieghe a monte

5

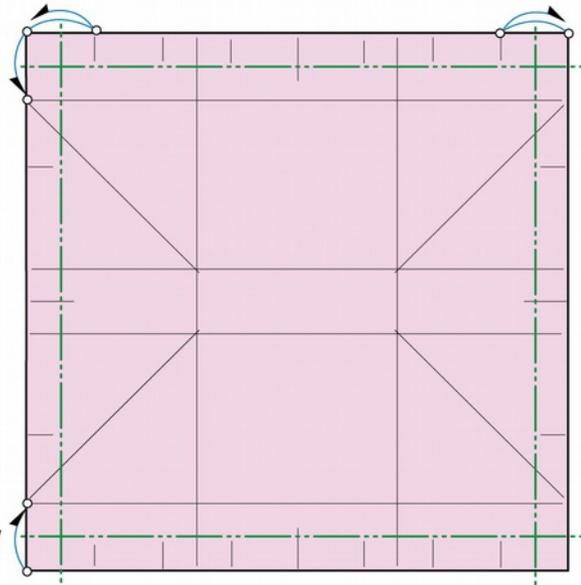


2 pieghe a monte

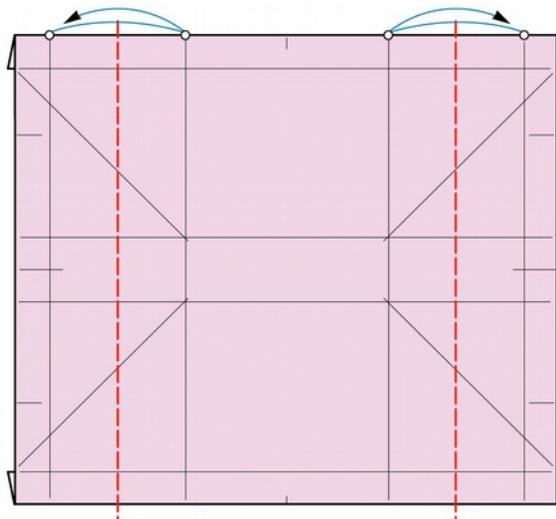
6



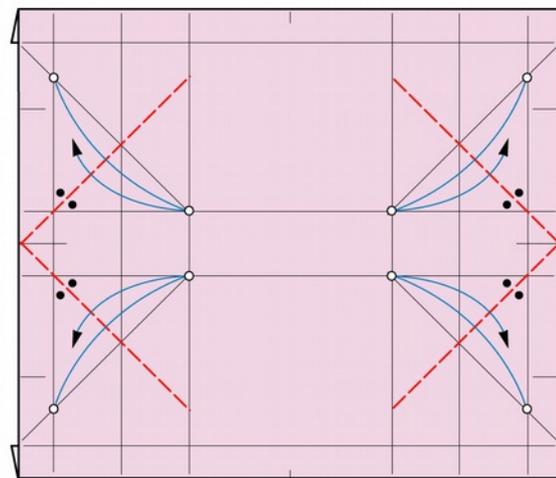
4 pieghe bisettrici a valle



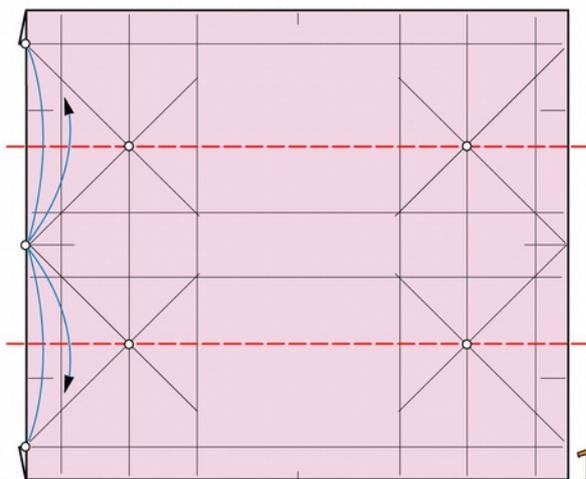
4 pieghe a monte



2 pieghe a valle

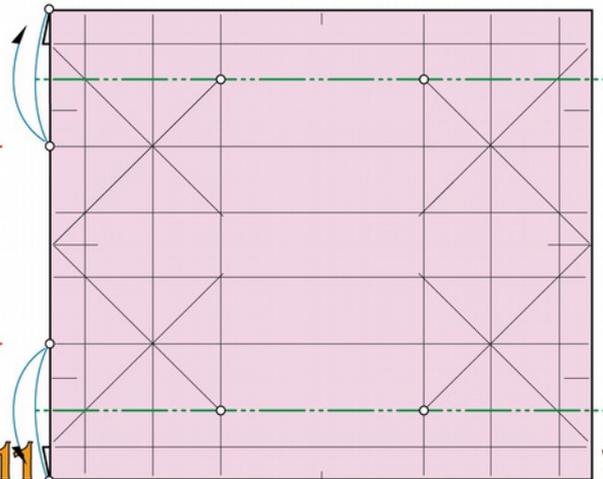


4 pieghe bisettrici a valle



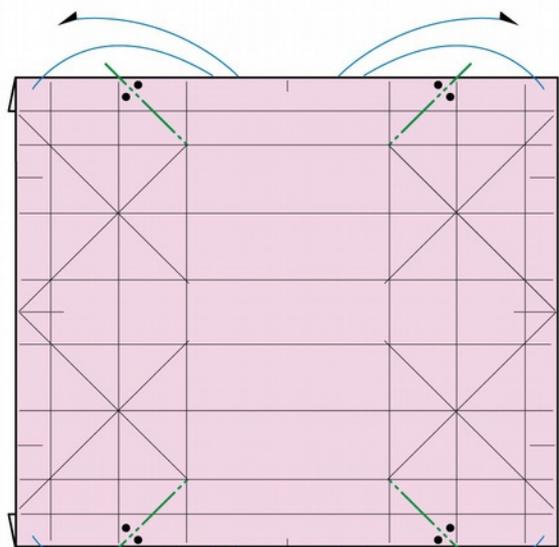
11

2 pieghe a valle



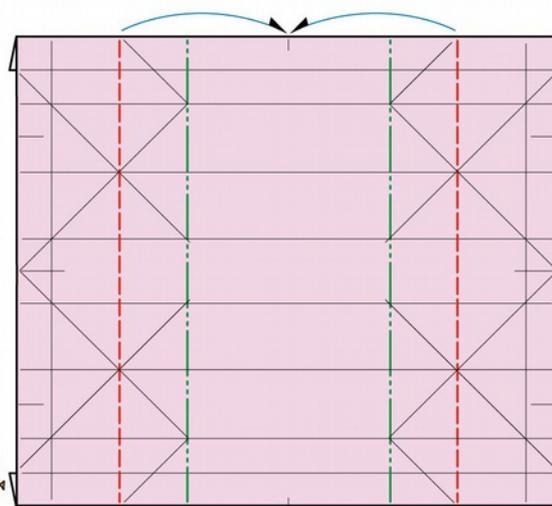
13

2 pieghe a monte



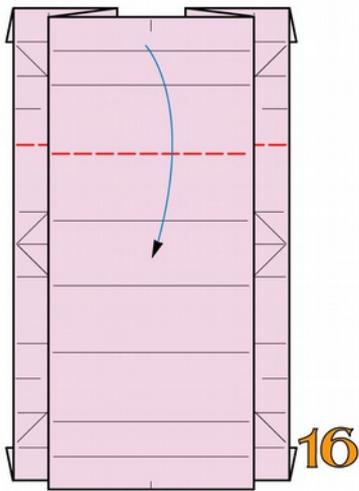
14

4 pieghe a monte



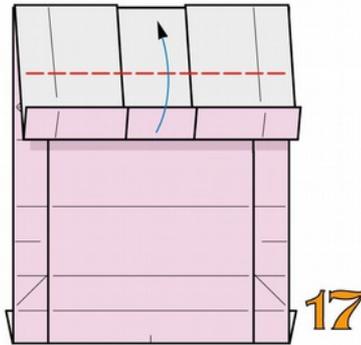
15

Ripiegate 2 volte a valle ed a monte



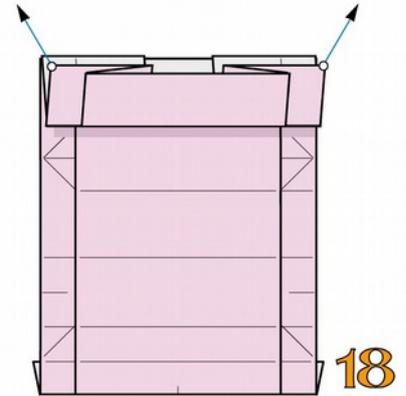
16

1 piega a valle



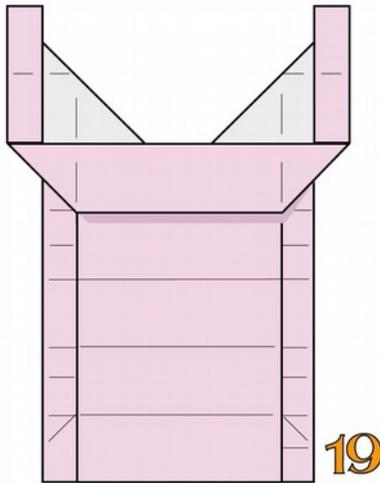
17

1 piega a valle



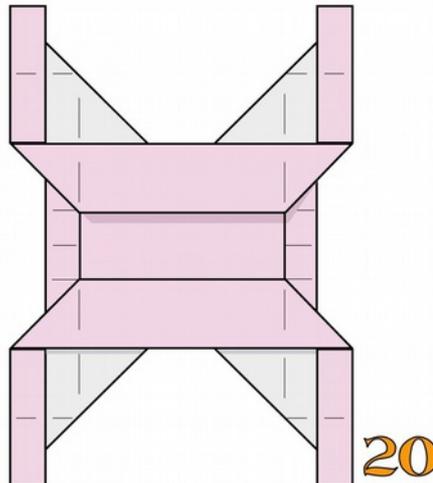
18

Estraete



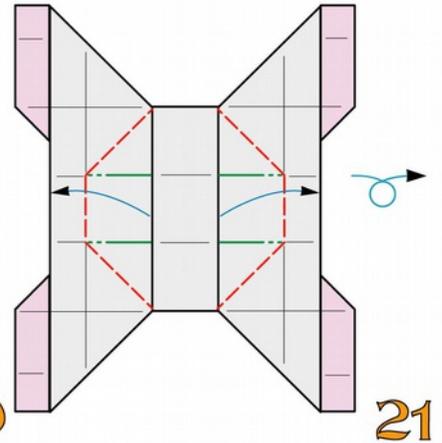
19

Ripetete inferiormente  
le pieghe dei passaggi  
n.16, 17, 18



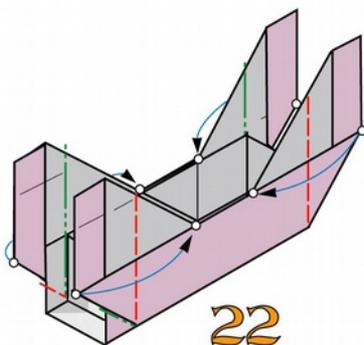
20

Ribaltate



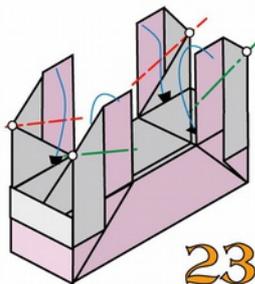
21

Mediante 6 pieghe a  
valle e 4 a monte, aprite  
3D i bordi indicati



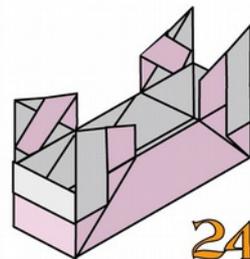
22

2 pieghe a valle e  
2 a monte per lato



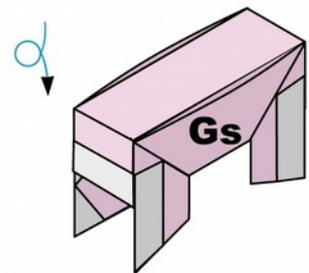
23

2 pieghe a  
monte per lato  
ed intascate



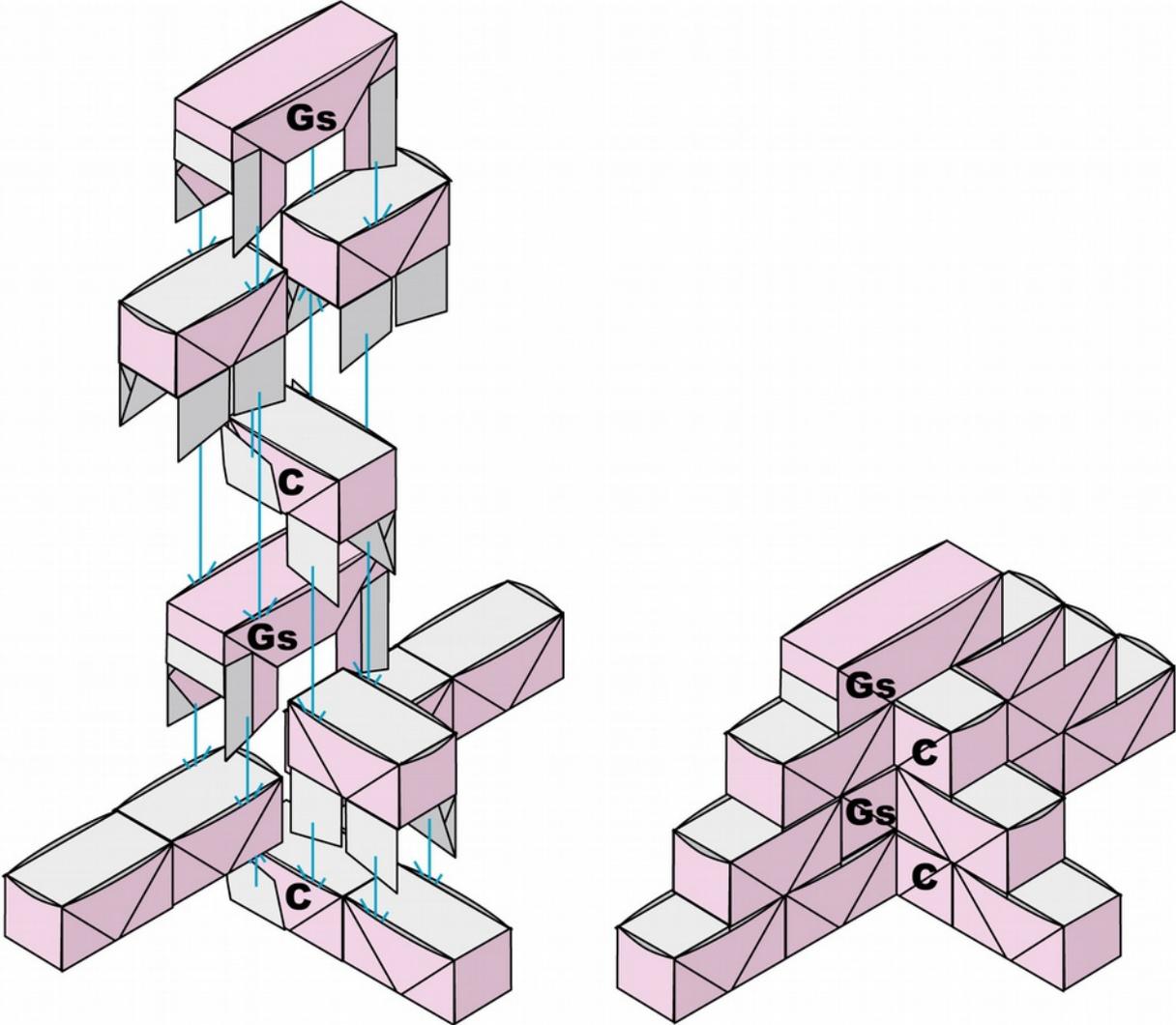
24

Ribaltate



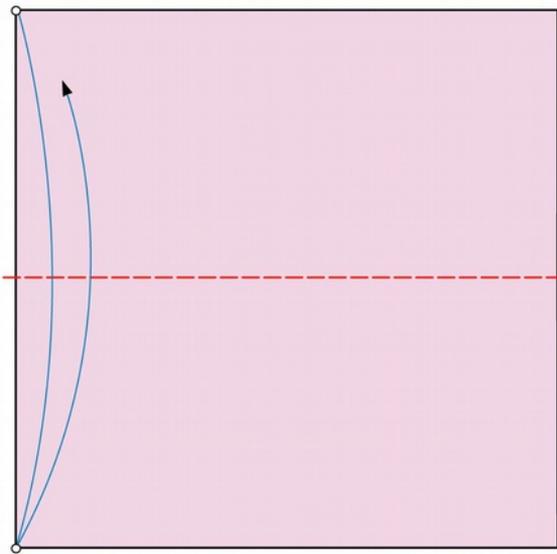
Grande superblocco  
ultimato

COSTRUZIONE DI UN MURO A "T"

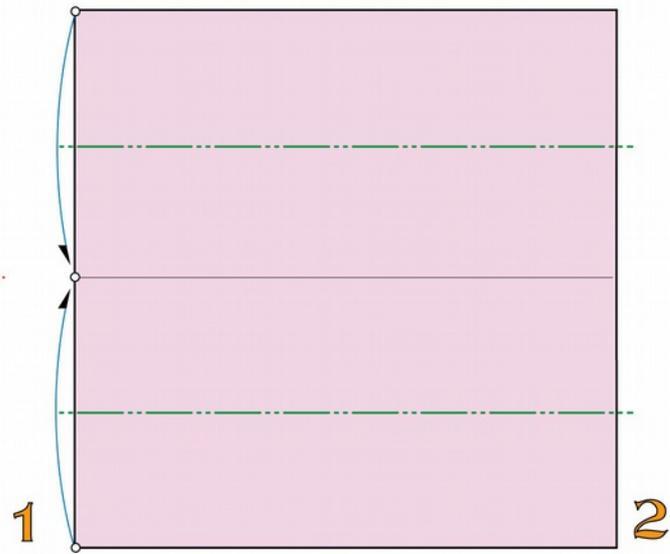


# ARCHITRAVE

L'architrave è un blocco molto più lungo che serve per sostenere i blocchi sormontanti un'apertura



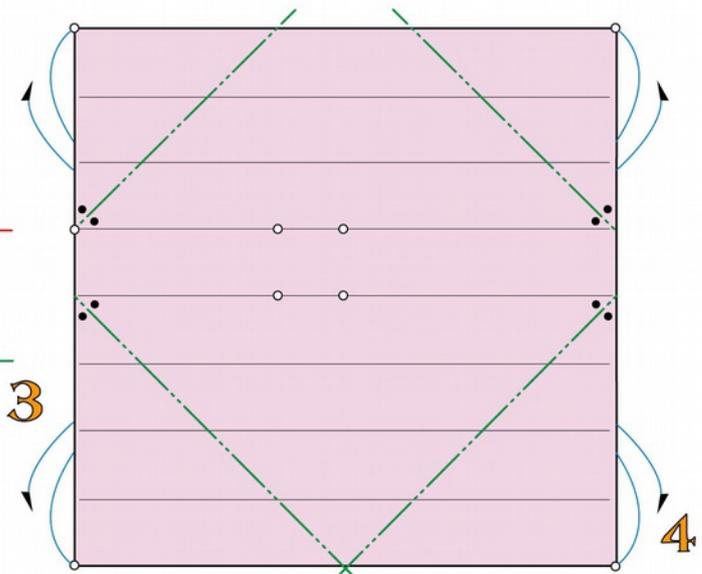
1 piega a valle



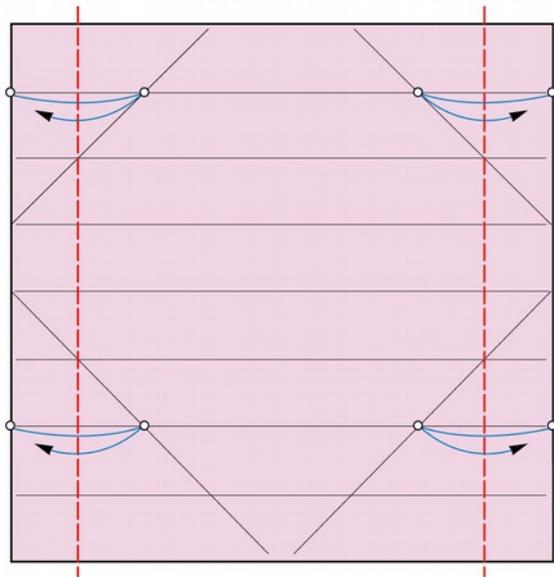
2 pieghe a monte



1 piega a valle ed 1 a monte

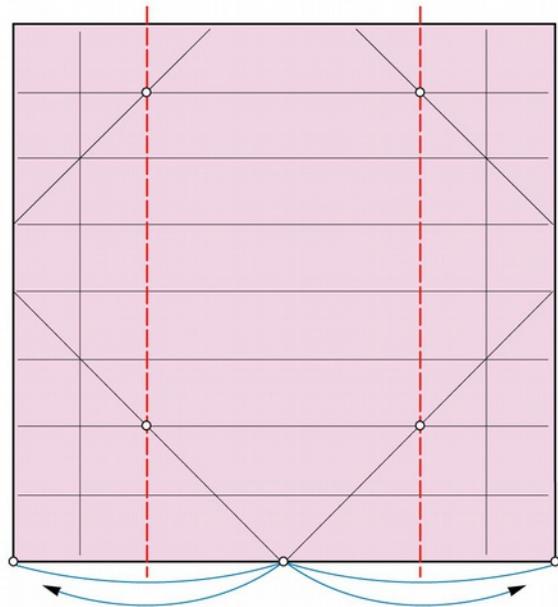


4 pieghe bisettrici a monte



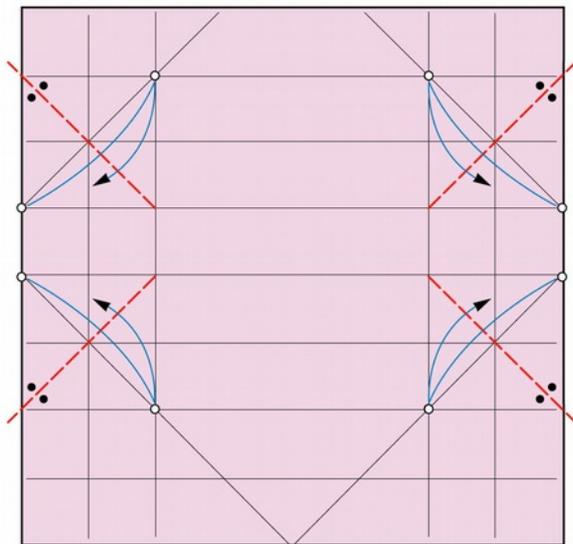
5

2 pieghe a valle



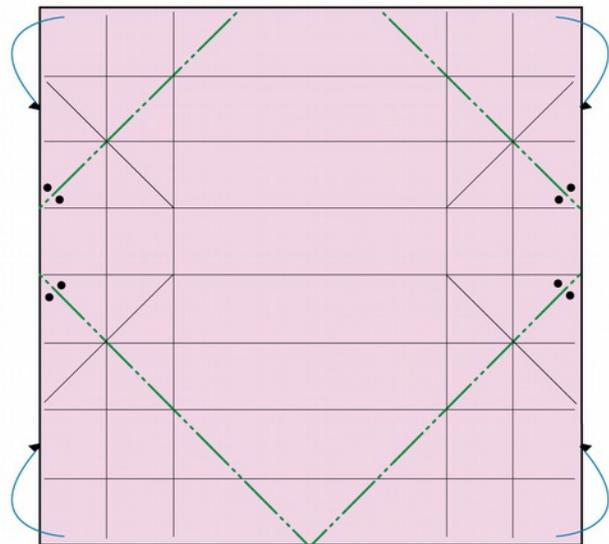
6

2 pieghe a valle



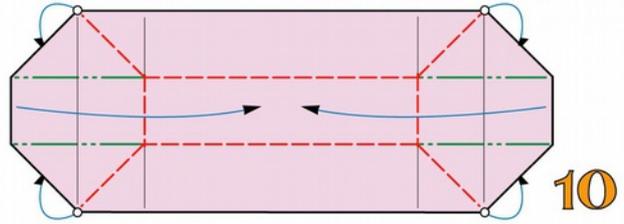
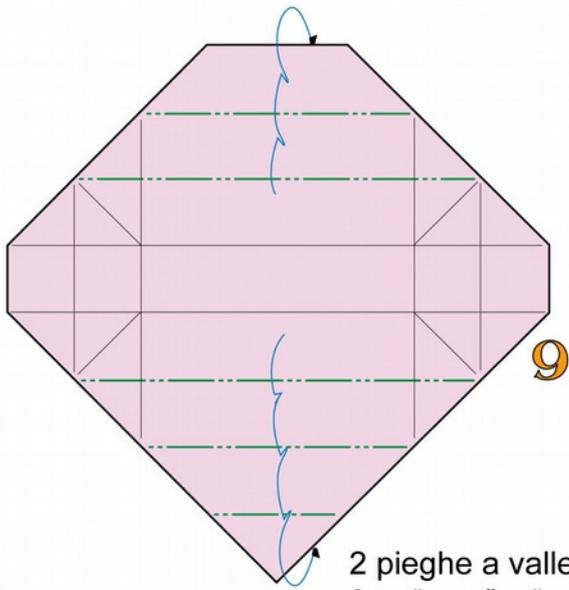
7

4 pieghe bisettrici a valle



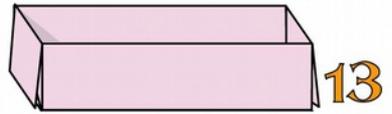
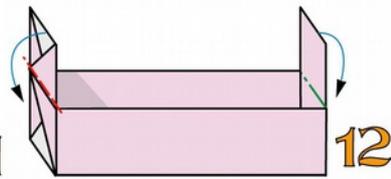
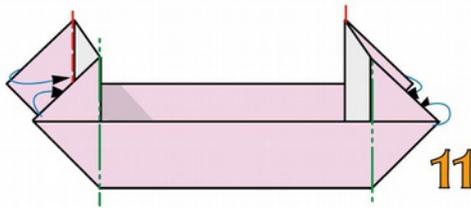
8

4 pieghe bisettrici a monte



Ripiegando a valle ed a monte modellate 3D

2 pieghe a valle in successione superiormente,  
3 " " " " " inferiormente

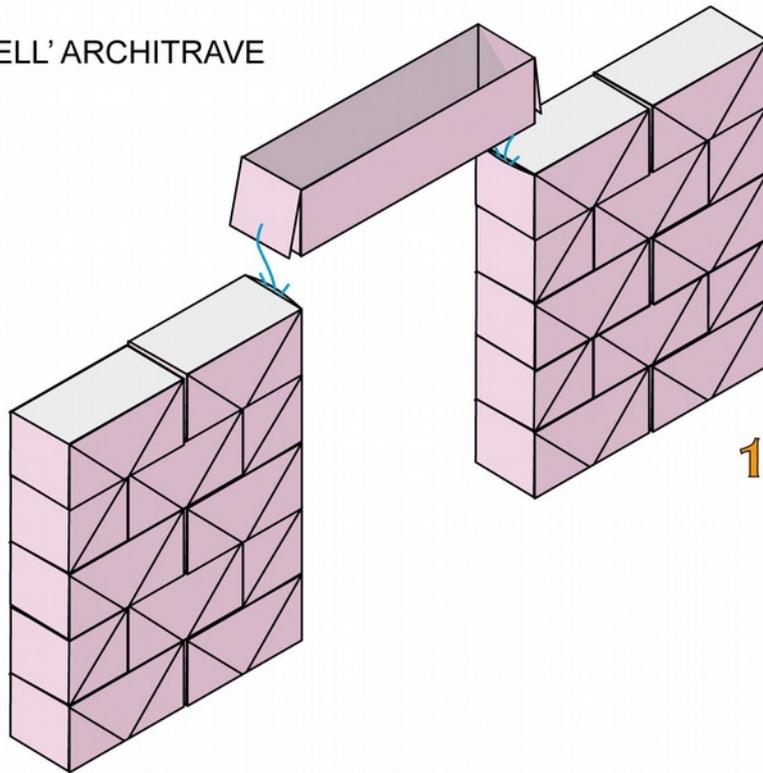


4 pieghe a monte, 2 per lato

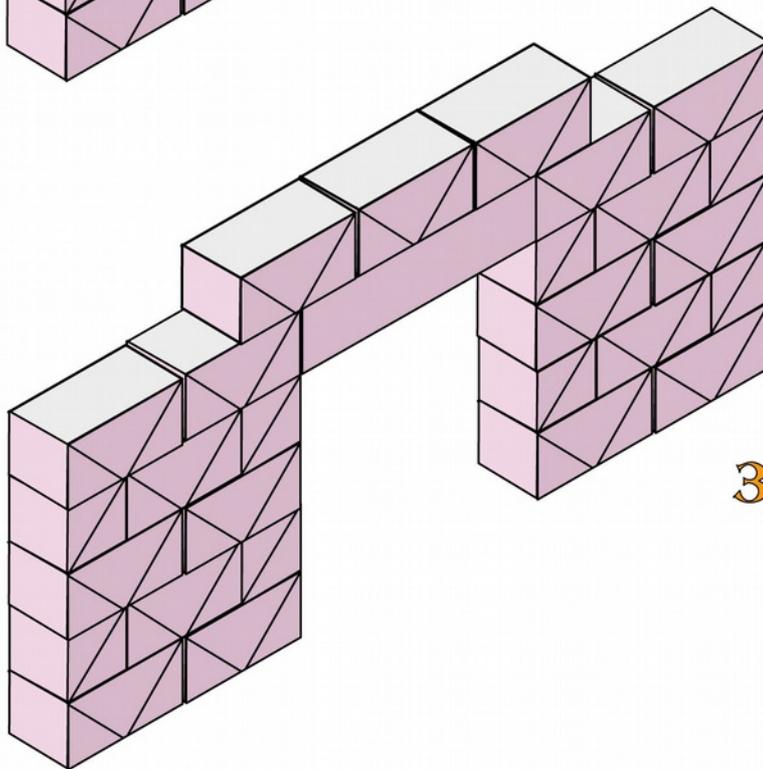
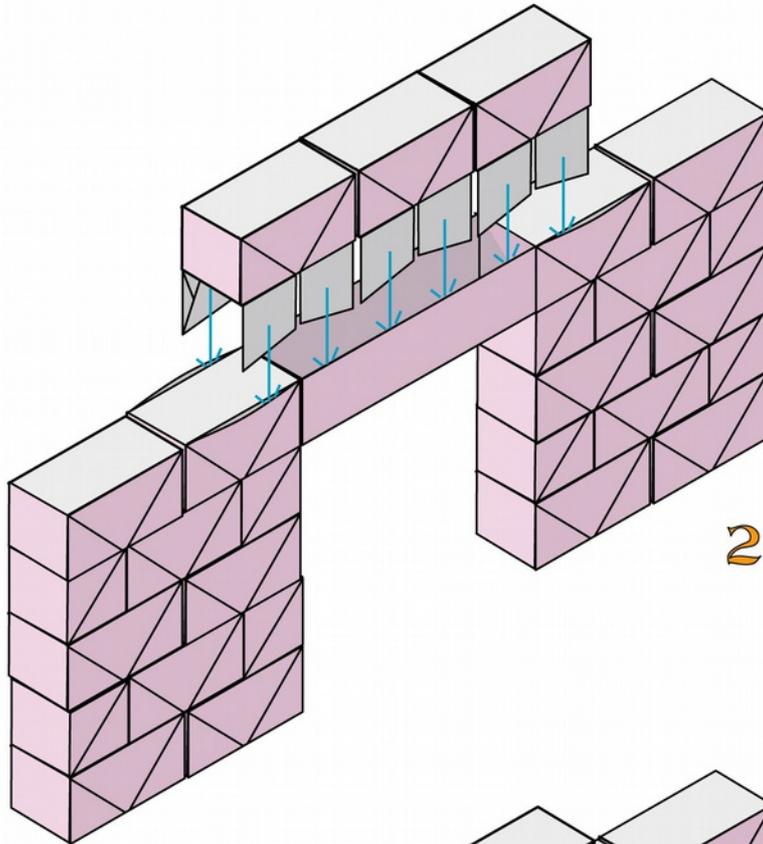
Abbassate le 2 alette

Architrave ultimato

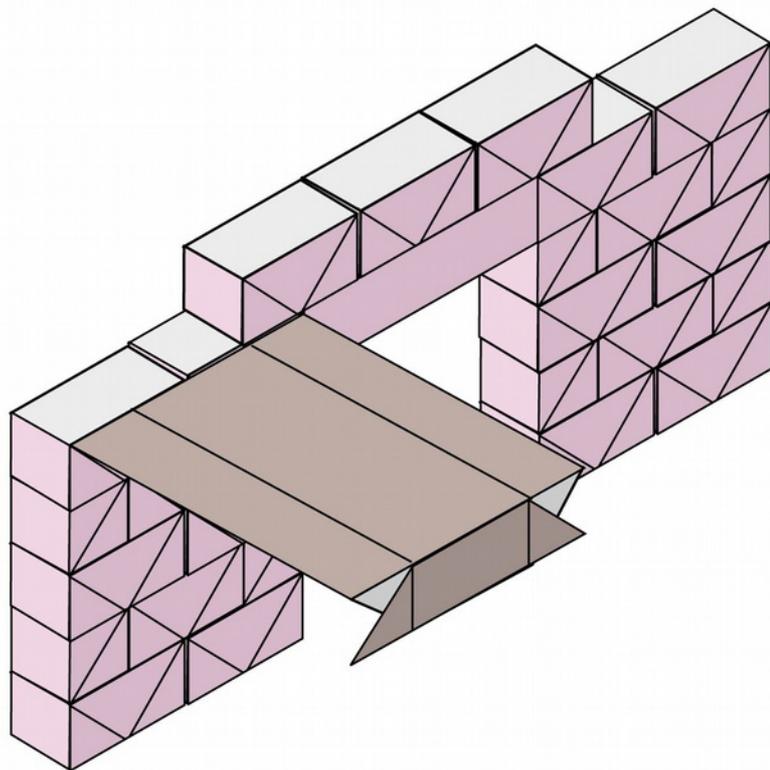
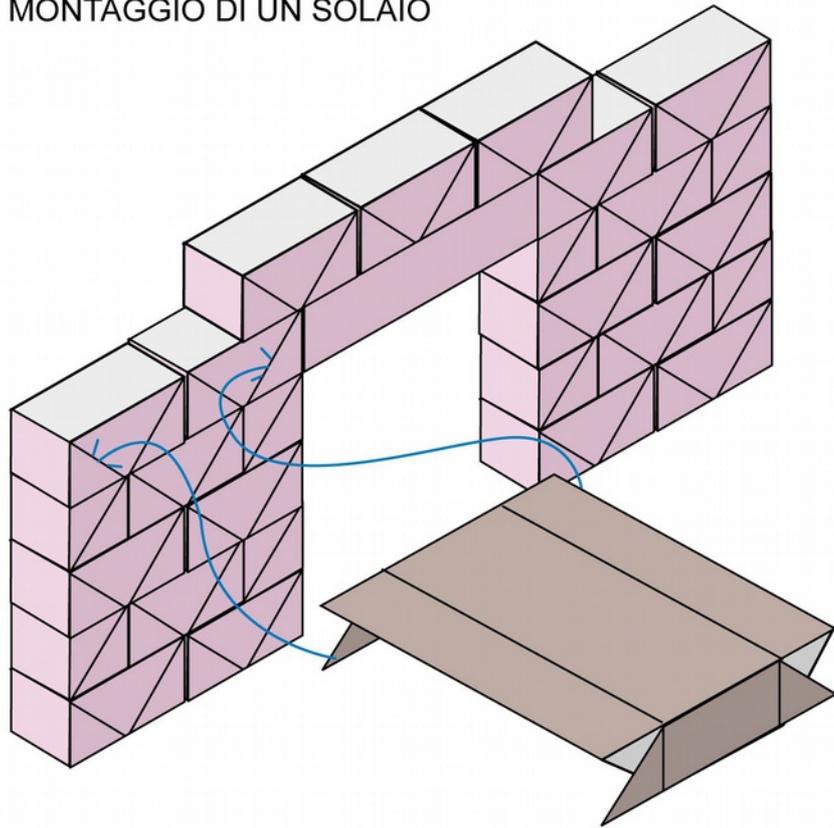
### MONTAGGIO DELL' ARCHITRAVE



19



MONTAGGIO DI UN SOLAIO



# GRANDE ARCHITRAVE

Quando l'architrave non basta perchè l'apertura è grande, occorre una grande architrave. Questa si costruisce unendo 3 elementi: 2 estremità di un'architrave ed un elemento centrale di collegamento. Questa grande architrave può essere realizzata della misura voluta, facendo scorrere e sormontare i 2 elementi terminali. Per la costruzione dell'elemento centrale adoperate un mezzo foglio quadrato.

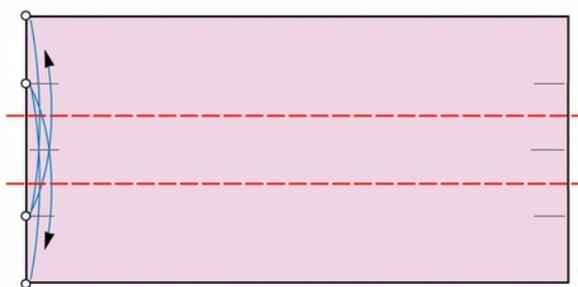
## COSTRUZIONE DELL' ELEMENTO CENTRALE DI COLLEGAMENTO



2 piccole pieghe a valle



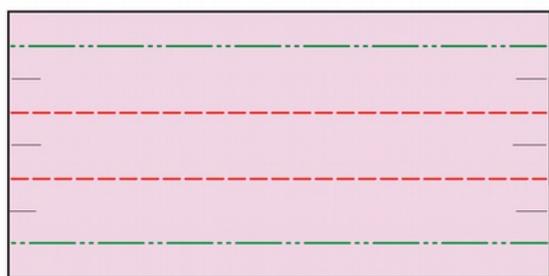
4 piccole pieghe a valle



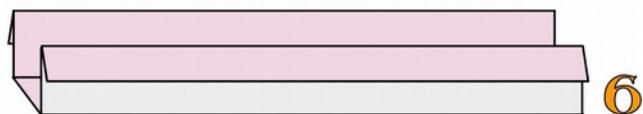
2 pieghe a valle



2 pieghe a monte



Ripiegando a valle ed a monte, modellate 3D

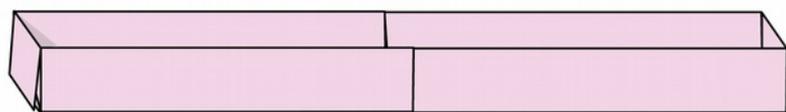


## MONTAGGIO DELLA GRANDE ARCHITRAVE

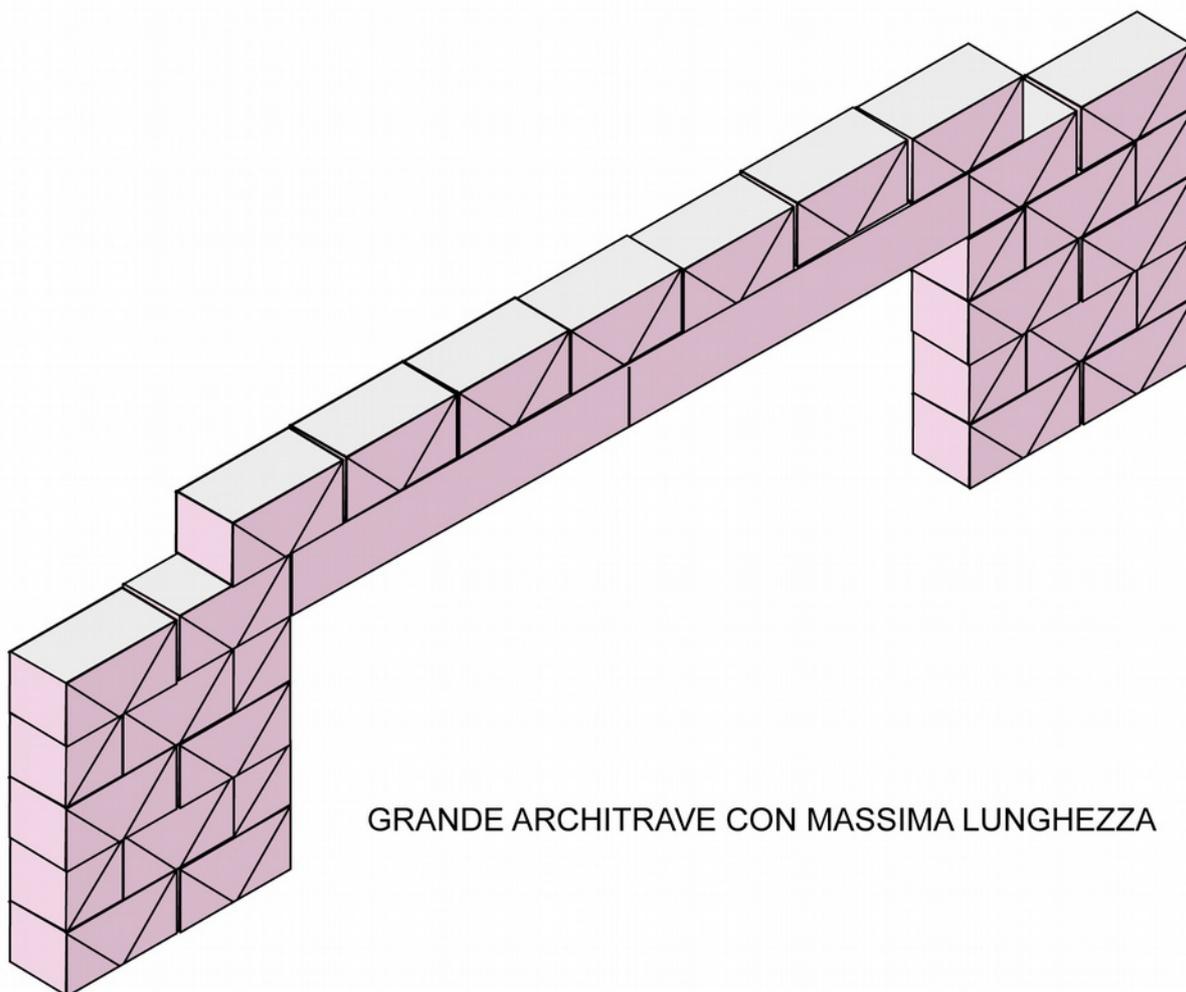
Sormontate l'elemento di collegamento con 2 estremità di architrave.  
Facendole scorrere a canocchiale, si varierà la dimensione della grande architrave.



1



2



GRANDE ARCHITRAVE CON MASSIMA LUNGHEZZA