DOWNLOAD PDF WHOLE HOUSES SHAKING

Chapter 1 : Western Australia earthquake: Magnitude 5 tremor in Perth and south west

Whole Houses Shaking is at once a profound and a humorous work. The poems offer precise detail and create an image of failure in the midst of an America where everyone is supposed to succeed but go beyond this portrait to reach acceptance and even to find joy in the narrative.

Movement due to normal wind would only be slightly apparent to very sensitive individuals in very tall buildings, as in dozens of floors. Most people would notice slight wind movement in very high winds or minor earthquakes, but nothing alarming. The only alarming movement anyone would notice would be during strong earthquakes. Since wind and earthquakes can come from any direction, we can simplify and say the least horizontal dimension. Sometimes people in buildings will sense vibrations caused by passing trains, or even heavily loaded trucks. These movements are primarily vertical in direction and would typically not be threatening to the building, though repeated severe vibrations can cause brittle finish materials such as plaster work to crack or even fall out of position. A similar movement can be caused just from people moving normally on a particular floor system, especially in smaller buildings, because the floor structure is overly elastic. This usually would not indicate any structural failure is imminent, rather that the structure was not built adequately from a usability standpoint. Renovations to existing buildings must be carefully planned to avoid disturbing structural, load bearing elements. Not just bearing vertical loads, but lateral loads as well. If they must be disturbed, adequate temporary shoring must be in place until proper permanent structure is replaced. Even if shoring was not done, building movement would not be discernible unless structural failure was imminent. Imminent in building failure can be anywhere from within the next few minutes to happening over a period of several months. Besides wind, earthquake, heavy vehicles, and compromised structure, the only other cause for building movement would be differential settlement due to foundation not being founded in stable soil materials. This is actually a subset of structural failure, as stable soils is a necessary part of a sound structure. When an engineer assesses a structure for soundness, testing may or may not be done, depending on the situation. Structural testing often means testing to failure, which is often not feasible in an occupied structure. Some small scale materials tests can be done to verify the installed material matches the design specifications by taking samples and testing in a laboratory. They would typically publish a report summarizing what they did, what they observed and their findings. While such reports are quite technical by nature, the main gist of it should be comprehensible to any reasonably intelligent person without an engineering background. While there is certainly cause for concern, imminent collapse World Trade Center style is highly unusual. Yet one would have to be truly desperate to spend time in such buildings, as sudden catastrophic collapse does remain a possibility.

Chapter 2 : Western Australia earthquake: Albany, Ocean Beach, Kentdale feel tremors

THOUSANDS of West Australians woke to an earthquake early this morning, with tremors being felt across the state's southwest. The magnitude quake struck in Kojonup with residents between Perth and Albany waking up to their homes shaking just after 5am WA time.

I am sure that the problem was always there, but the carpet masked it. Also, if your floor is 1" thick pine tongue and groove, which was a standard floor for old houses in the old days, I would not think of it as a sub-floor. Hardwood was a fancy topping for those floors, but the vast majority of pre houses used this as the only floor, esp. I think of sub-floors as a layer explicitly laid to create an even base for a top layer. Others here will be more familiar with old house terminologies than I, so I might be wrong. Reply Permalink Reply by Test on March 31, at 1: Essentially, the fix was the same but i was able to gain access and doubled up on the numer of pier supports. For the same prob on the second floor I added steel beams in the opposite direction underneath the joists. This may be a solution in this case that will allow you to keep the basement room. Of course the ceiling in the basement will have to come out regardless so you can gain access and see what the prob is for sure. Also - one thing i have learned is that when they built these old homes they were not accustomed to the additional weight of everything that has been added to the house. I ripped out all added tile in the house, pulled out extra layers of drywall covering original wood ceilings You are exactly right. We used both of your methods and now have no movement or squeeks. We have no subfloors, just the one inch thick oak tongue and groove floorboards. The living room is over a finished room in the basement that has a suspended ceiling. Thanks for the info! This is not a project for an inexperienced old house owner. Also in most towns this work would require a building permit with plans "sealed " by an architect or engineer. To start, you will need to remove the suspended ceiling from this area. Question 2 are the joist below exposed or finished? Question 3 what type of construction brick pockets or wood frame? Make sure the joists are not rotted, or have been eaten be termites, and I have also seen mold eat them away. But find someone you can trust to look at it. Reply Permalink Reply by d boutwell on September 27, at 7: I find that the best-case scenario would be to add some additional support under the middle of the joist span from below the level of this problem floor. If this cuts down on your open access in the space under the problem floor, another alternative would be to cut and install a temperary brace under the middle of each joist, taking the sag, or "crown" out of it, and then installing or "sistering" a larger joist on to the side of the existing joist, but it would be of a larger dimension. For example, many old homes have a true 2x6 floor joist, you could strengthen your floor significantly by sistering a 2x8 along side the existing joist or even sistering a new one on either side of the existing joist. If your existing joists are 2x8, sister a 2x10 on the side, and so on. This system works great if you are able to install a joist and not have to deal with and plumbing pipes or electrical wires running through the joists, getting in the way.

Chapter 3 : Thomas Duffieldâ€™s Whole House is Shaking â€“ British Journal of Photography

Earlier this week, new data revealed the proximity of WA northwest coast to Indonesia's active earthquake zone puts it at a greater tsunami risk than the rest of the country.

Chapter 4 : Do you feel your house shaking when it is windy?

THOUSANDS of West Australians woke to an earthquake early this morning, with tremors being felt across the state's southwest. The magnitude quake struck in Kojonup with residents between Perth.

Chapter 5 : My living room shakes! - My Old House Online

Whole Houses Shaking has 3 ratings and 1 review. Praise for the 5th bottle of chemicals, the last drink/ on a week-long

binge, for the job of the chemica.

Chapter 6 : House shakes in the wind Any tips?

The magnitude quake struck in Kojonup with residents between Perth and Albany waking up to their homes shaking just after 5am WA time. whole house shaking for a while solid. #perth #.

Chapter 7 : Whole House Shaking? - General DIY Discussions - Page 2 - DIY Chatroom Home Improveme

that old house is gonna be shaking house settling eric church this whole house is gonna be shaking.. repairing a cedar shingle on your house in less than 6 minutes eric church this whole is gonna be shaking,eric church house is gonna be shaking that old facts about the white did you know this whole,how to quiet a noisy baseboard heater this old house eric church whole is gonna be shaking.

Chapter 8 : â€˜Whole house shakingâ€™: Earthquake rocks WA | Ripley Today

A magnitude earthquake struck Western Australia's south overnight, waking residents and shaking buildings. People from across Perth and south to Albany reported feeling their homes shake.

Chapter 9 : Whole House Shaking? - General DIY Discussions - DIY Chatroom Home Improvement Forum

We just bought a house in Central Virginia. About once a day, not necessarily every day, something shakes the entire house. We are thinking it.